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Garden–Obonga Lake Area Lake Sediment Survey: Gold and PGE Data

by

Ontario Geological Survey

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ABSTRACT

A helicopter supported high density lake sediment and water geochemical survey of the Garden Lake - Obonga Lake area was completed during the summer of 1998. The study area is located approximately 130 km north of Thunder Bay in northwestern Ontario. A report containing the analytical results for 50 elements was published in April 2000. Under the auspices of Operation Treasure Hunt, archived lake sediment sample material from this survey has been reanalyzed for Au and PGEs. Preliminary interpretation of this data has outlined 14 anomalous areas. The anomalous areas are loosely ranked in order of their exploration interest. Digital geochemical data for this survey has been released separately from this report as Miscellaneous Release Data (MRD) 57.



INTRODUCTION

Fieldwork for a high density lake sediment and water geochemical survey of the Garden Lake-Obonga Lake area was carried out during July and August, 1998. The survey area is located approximately 130 km north of Thunder Bay (Figure 1). The survey completely covered the area defined by National Topographic System (NTS) 1:50 000 scale map sheets 52G/9, 52H/12, 52H/13 and partially covered the area outlined by map sheets 52G/8, 52H/5, 52H/6, 52H/11 and 52H/14. A report detailing the results of geochemical analyses for 50 elements was released in April of 2000 (Jackson and Dyer 2000). Archived sample material from 1886 sites was submitted for Pt, Pd and Au analysis using a lead fire assay/ICP-MS analytical method.

BEDROCK GEOLOGY

The most recent bedrock mapping and data compilation of the entire study area was completed by Sage (1998) and Sage et al. (1974). The Garden Lake area was mapped in detail by Milne (1964) and Hart (1999). Mapping of the Obonga Lake area was completed by Kustra (1966) and Thurston (1967). The Metionga Lake area, in the northwestern portion of the study area, was mapped by Rogers (1964). Refinements and re-evaluations of this early work, augmented by additional lithogeochemical analysis, has occurred in recent years in an effort to unravel the age and genesis of the supracrustal rocks in the region (Blackburn et al. 1991, Cortis et al. 1988, Thurston et al. 1987, Tomlinson et al. 1996).

The Garden Lake greenstone belt strikes easterly for a distance of approximately 75 km, from Allely Lake in the west to the Gull River in the east (Figure 2). The widest portion of the belt lies between the Gull River and Weaver Lake. Here the geology consists of predominantly mafic metavolcanic rocks with a thin core of metasediments between Garden Lake and Kearns Lake (Sage 1998).

Flat lying Nipissing diabase occurs locally and covers the eastern end of the greenstone belt. The greenstone belt west of Weaver Lake is thin but reaches a width of approximately 5 km at Allely Lake, at the extreme western end of the belt. The predominant rock type in this western portion of the belt is mafic metavolcanics, although outcrop exposure is poor (Sage 1998). A mafic intrusive body occurs at Allely Lake and another at Twining Lake, located to the southwest of the greenstone belt at the edge of the survey area (Sage 1998).

Milne (1964) noted a zone of particularly intense shearing within the central part of the belt. Sage (1998) also reported evidence of strong tectonic activity along the granite-greenstone boundaries of the Garden Lake belt. Thurston et al. (1987)

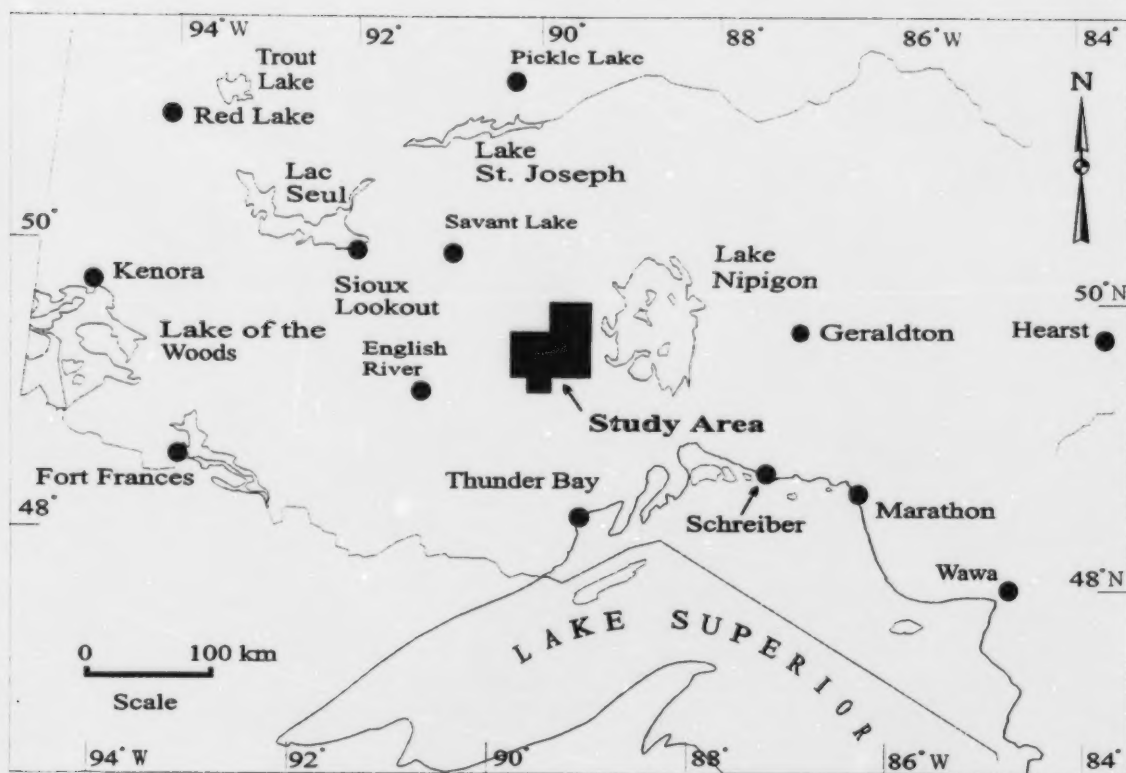


Figure 1. Location map of the Garden-Obonga Lake sediment gold and PGE survey area.

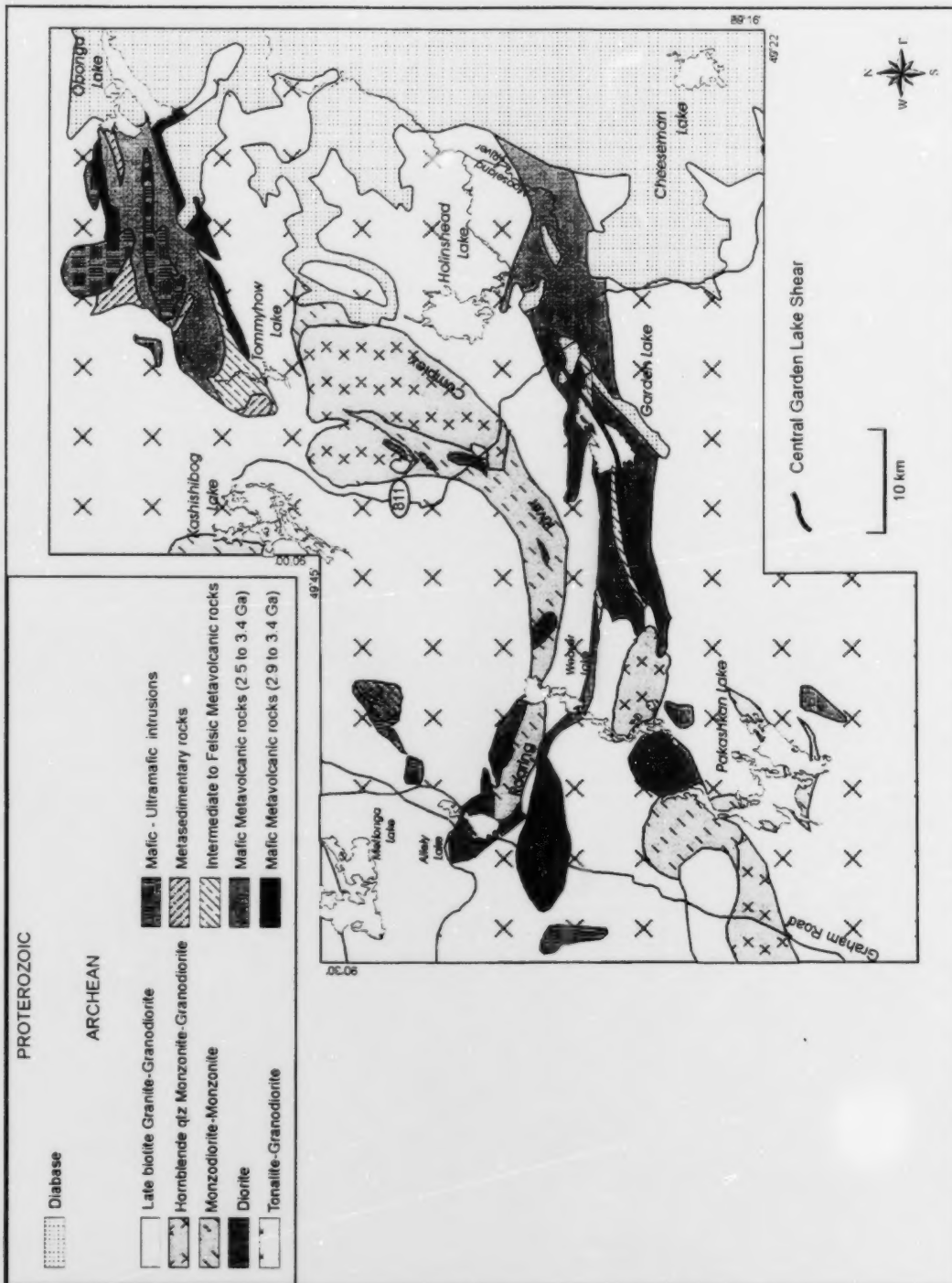


Figure 2 : Generalized bedrock geology, Garden-Obonga Lake gold and PGE study area (after Ontario Geological Survey 1991 and Stern et al. 1989)

identified the structure along the core of the belt as the Central Garden Lake Shear.

Gold was first discovered during the 1930s in quartz veins east of Conick Lake, near the northern granite-greenstone boundary (Milne 1964). Thereafter, sporadic prospecting/exploration activity in the Garden Lake belt has concentrated on gold and associated sulphide occurrences. For example, gold and pyrite in sheared, silicified and carbonatized metavolcanics were reported by Little Long Lac Gold Mines Ltd. in 1946 along the southeast shore of Garden Lake (Milne 1964).

The Obonga Lake greenstone belt lies north of the Garden Lake greenstone belt and is approximately 32 km long. It consists of an east striking synclinally folded sequence of mafic and felsic metavolcanic rocks, metasedimentary rocks and mafic to ultramafic intrusions (Sage 1998). The eastern end of the belt is overlain by Proterozoic rocks, predominantly flat lying diabase. A thickening of felsic volcanic rocks occurs toward the western end of the belt, becoming thickest in the area north of Tommyhow Lake (Sage 1998). Along the northern margin of the belt, in the vicinity of Chrome and Puddy lakes, a serpentinite body is present.

Intermittent exploration efforts in the Obonga greenstone belt have focused on the PGE-chrome-base metal potential of the mafic-ultramafic intrusives and the base metal potential of the felsic volcanic rocks near Tommyhow Lake. A chromite mine was operated briefly during the 1930s by Chromium Mining and Smelting Co. Ltd. at Chrome Lake (Sage 1998). More recently, Houston Lake Mining Inc. has acquired mining claims at Puddy Lake with the intention of exploring for PGMs (platinum group minerals).

Previous exploration in the Tommyhow Lake area has included airborne geophysics and diamond drilling. Massive and disseminated pyrite has been reported (Sage 1998) but apparently no economic base metals have been found to date. It is not known if the area has been examined for precious metal (gold) potential.

The Roaring River Complex containing a suite of sanukitoid rocks, is present between the Garden and Obonga Lake greenstone belts (Figure 2). The crescent shaped complex is about 70 km in length and ranges between 1 to 15 km wide. The complex is largely composed of large ion lithophile element rich sanukitoid rocks including diorite-monzonite-granodiorite, inclusions of mafic rocks and cross-cutting lamprophyre dykes and granitic plugs (Stern et al. 1989).

PHYSIOGRAPHY AND QUATERNARY GEOLOGY

Gentle topography characterizes most of the study area with local relief rarely exceeding 50 m. The most rugged topography occurs in

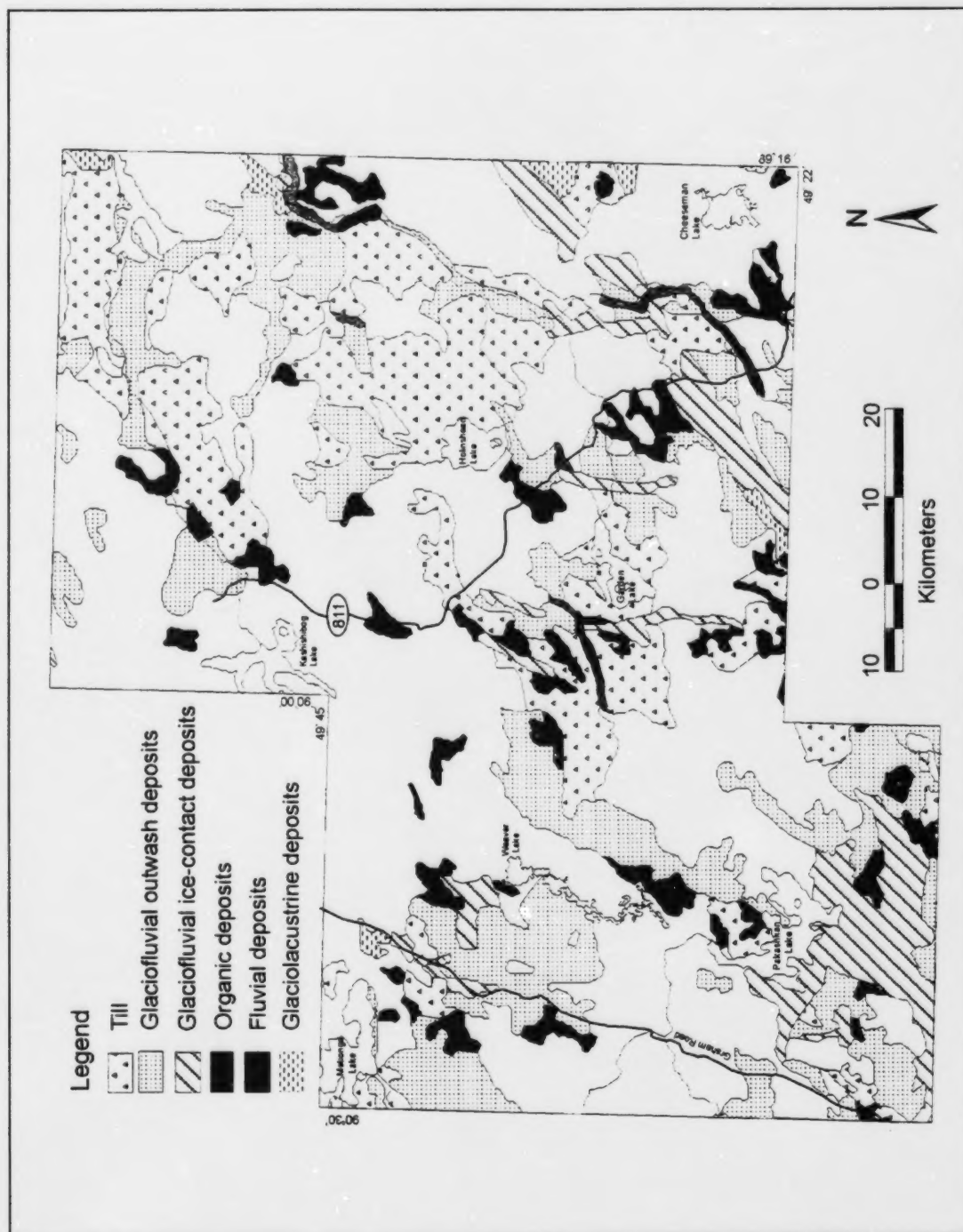


Figure 3: Generalized Quaternary geology of the Garden-Obonga Lake area (after Barnett et al. 1991).

the east and northeast part of the study area, where the bedrock is dominated by flat lying Proterozoic diabase. Spectacular cliffs and talus slopes are common in the area near Obonga Lake.

Systematic, detailed Quaternary geological mapping has not been conducted over the study area. Reconnaissance Quaternary mapping (1:506 880) was completed by Zoltai (1965). Engineering geology terrain maps, at a scale of 1:100 000, were produced for the region between 1980 and 1983 (Mollard and Mollard 1980a, 1980b, 1981, 1983). A more recent regional compilation of the Quaternary geology of the area has been completed by Barnett et al. (1991). These sources indicate that surficial materials within the study area consist predominately of a thin discontinuous veneer of glacial drift (till) over bedrock (Figure 3). Glaciofluvial deposits occur locally, most notably in the south and southeast parts of the region surveyed, where short sections of the Lac Seul, Hartmann and Kaiashk moraines cross into the survey area. A short section of the Sioux Lookout moraine is present in the northwestern corner of the survey area. A number of north trending eskers, up to 20 km long, occur in the southern half of the study area. This north to south esker orientation corresponds with the general direction of ice margin retreat from the area.

Modern fluvial deposits occupy major river valleys, such as those of the Mooseland, Roaring and Gull rivers. Glaciolacustrine sand, silt and clay occur locally, increasing in extent toward Lake Nipigon in the east.

SAMPLING METHODS

Organic lake sediment samples were collected from a helicopter float using the Ontario Geological Survey (OGS) designed gravity corer. On average, 24 lakes were sampled per hour of helicopter time. In order to avoid anthropogenic influences and water/sediment interface effects (i.e., increased Mn due to anoxic conditions that result in secondary accumulation of base metals), only deep sediment (>20 cm below the sediment surface) was collected. This sediment better reflects the effects of natural geochemical inputs that may be related to local geology.

A GPS receiver was utilized to record accurate sample site positions. A customized database application operated on a pen based computer was used to record sample descriptions and observations.

SAMPLE PREPARATION AND ANALYTICAL METHODS

Lake sediment samples were placed in breathable fabric bags

and allowed to partially air dry prior to shipment to the laboratory. The samples were then freeze dried (to retain volatile elements), partially pulverized in a ceramic ring and puck pulverizer and sieved to obtain the -80 mesh (<177 μ m) size fraction. Laboratory analysis for Au and PGEs was accomplished by lead fire assay followed by an ICP-MS finish. Sample pulp weights between 3 and 10 grams were analyzed in three batches: 1) 10 gram samples, 2) >5 to <10 gram samples and 3) 3 to 5 gram samples. The majority of samples contained 10 grams for analysis with detection limits for Au, Pt and Pd at 3, 0.3 and 0.3 respectively. Analyzed samples with less than 10 grams of material have slightly higher detection limits (Appendix C). For the purposes of calculations and quality control plots, all samples were treated as 10 gram sample sizes with respect to detection limits.

QUALITY CONTROL RESULTS

Lake Sediments

Table 1 contains a summary of the elements analyzed from the lake sediments in the study area. The statistics include median, range, coefficients of variation for the certified reference material and the estimates of precision obtained from sample duplicates. Quality control of the analytical precision and accuracy of the data was maintained using certified standard reference material (lksd-1) and sample pulp duplicates randomly distributed throughout the sample sequence. A complete listing of all the geochemical data used to prepare this table is contained in the Miscellaneous Release-Data (MRD-57), published separately from this report.

The analytical data for the Garden-Obonga Lake study area is of good quality. Quality control (QC) methods indicated no problems with the platinum and palladium data.

The coefficient of variation for Au in the lksd-1 reference material is 68.9%. The high value is largely due to gold values for the reference material being at or near the detection level for this method and the presence of one inflated value of 15 ppb (discussed below). The estimated precision of ± 4 ppb for gold, determined from the results of the analysis of 82 analytical pairs, is typical for this assay method. The overall quality of the gold results is very good, but should be treated with some caution between 98-RDD-1970 (site 1775) and 98-RDD-2130 (site 1918). Figure 4 shows the QC plot for gold. Lake sediment standard 98-RDD-2050 returned a spurious value of 15 ppb gold. It is possible that some of the gold values between this sample series will contain artificially elevated values.

Lake Sediment (n=1886)							LKSD-1 Reference Standard (n=24)			
Element	Analytical Method	Units	MDL	Median	Range		Estimated Precision	Certified Value	Mean Q.C. Result	Coefficient of variation (%)
					Min	Max				
Au	FA/ ICP-MS	ppb	3	<3	<3	48	±4	4	3.8	68.9
Pd	FA/ ICP-MS	ppb	0.3	1.5	<0.3	73.3	±2.0	***	<0.3	49.5
Pt	FA/ ICP-MS	ppb	0.3	0.8	<0.3	13.4	±0.7	***	<0.3	45.9
LOI	Grav.	%	0.01	44.23	10.11	90.99	±0.9	23.5	22.86	0.8

Notes:

1. ICP-MS=Inductively Coupled Plasma Mass Spectroscopy, FA= Fire Assay

2. MDL=method detection limit.

3. Estimated precision at 95% confidence level; Fire assay→ICP-MS elements based on results of 82 duplicate pairs.

4. Q.C. Result = Average value obtained, Garden-Obonga Lake dataset.

5. Coefficient of variation at one standard deviation (68% confidence level)

6. LKSD-1 is a Canmet certified reference material;

Table 1: Garden-Obonga Lake survey, Ontario Treasure Hunt Au and PGE lake sediment dataset, summary of elements analyzed by fire assay and finished with ICP-MS and quality control data including estimates of precision.

DISCUSSION OF REGIONAL GEOCHEMICAL PATTERNS

Proportional dot maps for pH, conductivity, lake depth and Ca in lake waters are contained in Appendix A. The geochemical data shown in Appendix A was previously released for the Garden-Obonga Lake survey area (Jackson and Dyer 2000). The digital data for these diagrams was released in MRD-51 and is not included in the data release for this report (MRD-57). Lake sediment proportional dot maps for Pt, Pd, Au, Fe and Mn are contained in Appendix B. The digital data for Fe and Mn in lake sediments was previously released in MRD-51. Lake sediment samples with loss-on-ignition of less than 10% were not included on these maps but are included in the MRD-57 digital data release. Analytical data for lake sediment samples is provided in Appendix C and is included in the digital (MRD-57) data release.

The mean values for pH and conductivity in lake waters collected in the survey are 7.13 and 36.9 $\mu\text{S}/\text{cm}$, respectively. The regional patterns of pH and conductivity display definite patterns that can be attributed to the underlying geology. The Obonga Lake greenstone belt displays high conductivity and slightly alkaline pH values concentrated along the southern portion of the belt. This may reflect pervasive carbonatization along structures within the mafic metavolcanic rocks.

High electrical conductivity (EC) and increased alkalinity of lake waters occurs in several clusters along the eastern edge of

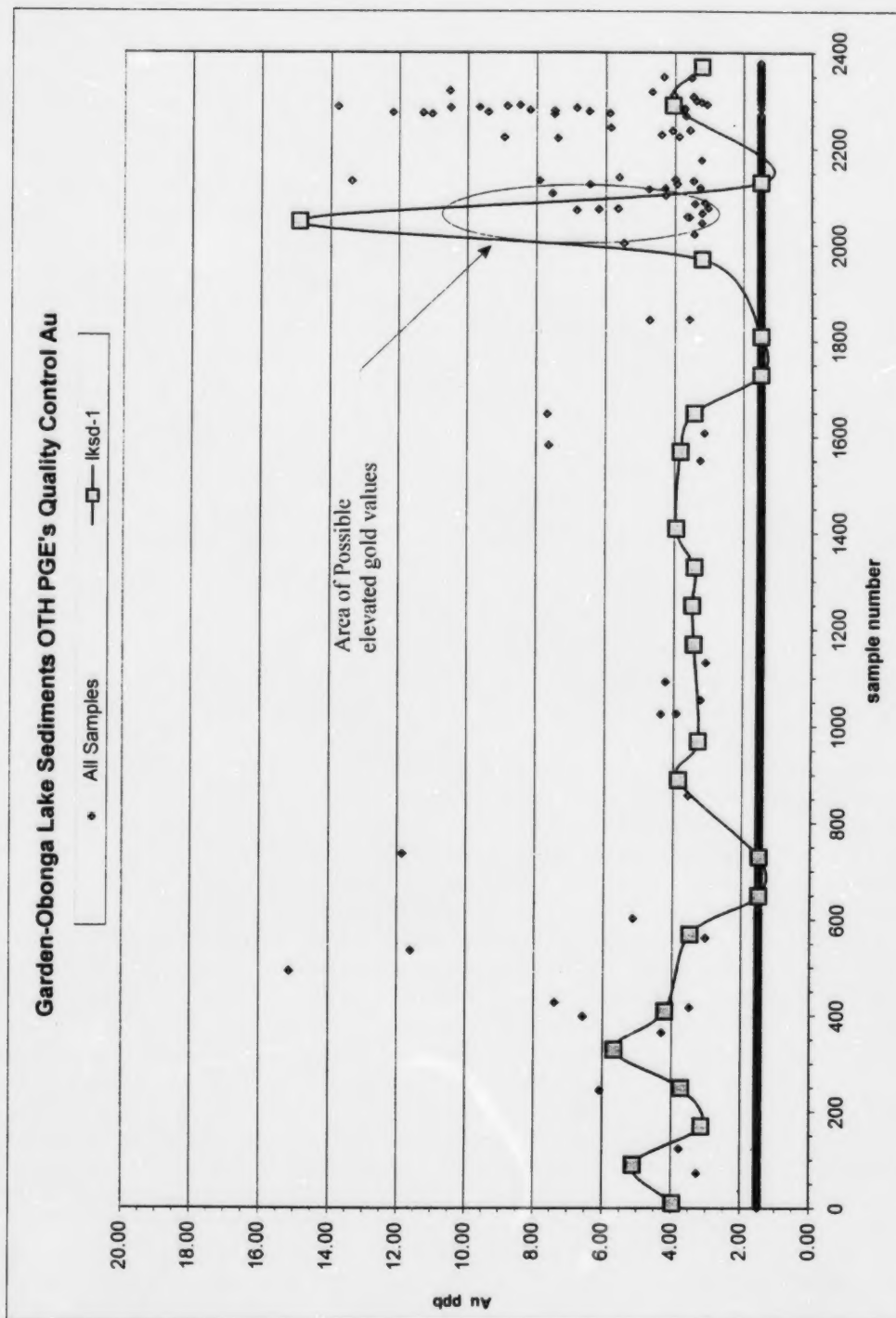


Figure 4: Quality Control results for gold. Lake Sediment Standard-1 represented with squares

the survey area. Most of these clusters of higher pH and EC occur along the edges of the Nipissing diabase sills. High pH and EC are not ubiquitous within the diabase and probably reflect a bedrock source lying beneath the sill, at the edges or along structures within the diabase sheet. A probable bedrock source that would contribute to these higher values, are the rocks of the Sibley Group sediments. The Sibley Group contains flat lying shales, sandstones, argillites and carbonate rocks that underlie the Nipissing sills. Occurrences of dolomite are known from the northwest bay of Obonga Lake. Scattered occurrences of Sibley Group sediments are known from Western Bay of Obonga Lake extending south into Cooney Lake, north of Rabelais Lake and along parts of the Roaring and Mooseland rivers (Sage 1998).

The eastern end of the Garden Lake greenstone belt contains moderately anomalous EC and slightly alkalic pH values. The surrounding gneissic terrane shows somewhat lower EC and slightly acidic waters. This may be a reflection of pervasive carbonatization of the metavolcanic rocks and along structures within the belt.

Several northeast trending linear features in the map area correspond with elevated to anomalous element concentrations obtained from lake sediment samples. Deep lakes with high iron and manganese values occur in several locations along these trends. Deep lakes with anoxic conditions and high levels of Fe and/or Mn can scavenge or accumulate base metals in the sediments and create anomalies that do not reflect mineralization in the underlying geology. Some of these linear anomalies also coincide with large-scale geological structures and/or esker deposits.

DESCRIPTION OF ANOMALOUS AREAS

Fourteen areas containing anomalous Pt, Pd and Au concentrations are illustrated on Figure 5 and are described below. The areas are loosely ranked in order of exploration interest. The term "elevated" is used to denote assays above the 90th percentile, "anomalous" for assays above the 95th percentile and "highly anomalous" for assays greater than the 98th percentile.

Two areas with highly anomalous lake sediment base metal contents are not included in the following discussion. The Puddy and Paddon lake areas contain known Ni-Cu (Cr, PGE, Zn, Co) mineralization associated with ultramafic rocks in the northeastern portion of the Obonga Lake greenstone belt. Proportional dot maps show elevated to highly anomalous Pt and Pd from a few lakes in the area. Platinum values obtained in two lakes are 2.68 and 8.09 ppb and with anomalous Pd values of 9.16 and 10.11 ppb. Three elevated

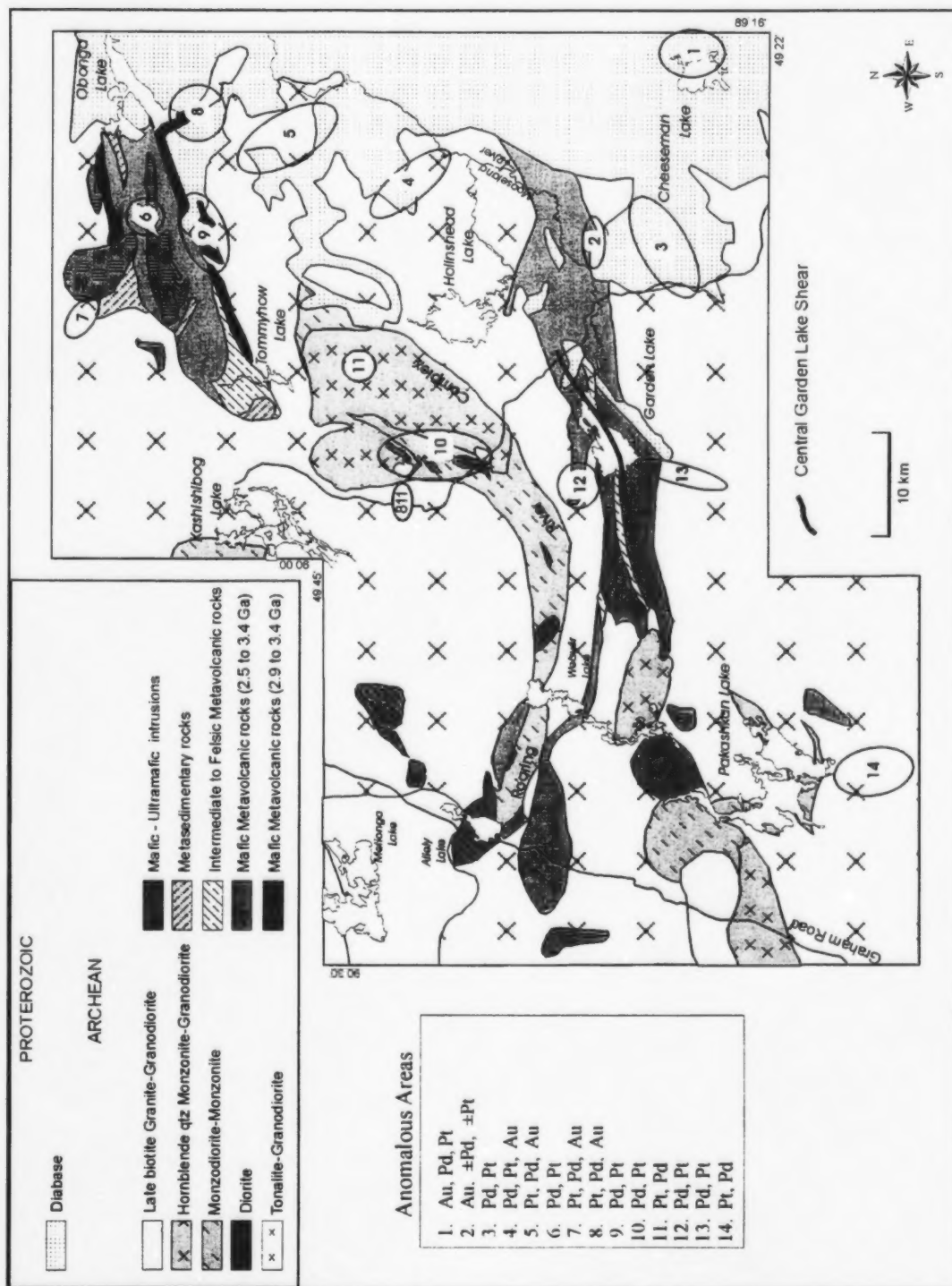


Figure 5 : Location of geochemically anomalous areas

values of palladium also occur in the area. The gold anomalies in the Puddy Lake area should be treated with caution. The quality control assessment of gold indicates that the samples in this area may be elevated (Figure 4). Previously released data for the Garden-Obonga Lake Area (Jackson and Dyer 2000) shows two weakly anomalous gold values and anomalous to highly anomalous values of Ni, Cu, Cr, Zn and Mg in lake sediment samples collected from this area. The presence of the lake sediment anomalies occurring in areas of known mineralization creates confidence in the interpretation process of indicating areas with potential analogous mineralization. Most of the ground in the Puddy and Paddon Lake areas is staked and mineral exploration is continuing.

Area 1: Cheeseman Lake; Au, Pd, Pt

The geology of the area is mapped as massive Keweenawan diabase (Sage 1998). Weakly anomalous lake sediment values ranging from 8.0 to 14.0 ppb Au occur in 10 separate locations along the northeastern edge of Cheeseman Lake. This area also contains 12 highly anomalous lake sediment palladium values and 11 elevated to weakly anomalous platinum values. The palladium values range from 16.3 to 33.9 ppb. The occurrence of elevated to highly anomalous values of Au, Pt and Pd in the Cheeseman lake area is further enhanced by previously released geochemical data in the same area containing elevated to highly anomalous values of copper, gold, silver, nickel, zinc, titanium, chromium and magnesium (Jackson and Dyer 2000).

These elevated to highly anomalous values of Au, Pd and Pt may indicate that a mafic to ultramafic intrusion lies beneath the diabase sills. A number of ultramafic intrusions (picrite) are known to occur in the Nipigon Plate area (Sutcliffe 1987). A picrite in the Disraeli Lake area occurs along a structure that trends northwest towards the Cheeseman Lake area. Another possible source for the anomalous mineralization observed in the Cheeseman Lake area may be related to the Heaven Lake greenstone belt. The Heaven Lake greenstone belt lies about 10 km southwest of the Cheeseman Lake area. The eastern portion of the greenstone belt disappears beneath the diabase sills and may underlie the Cheeseman Lake area.

The Cheeseman Lake area has the potential for Au-Ni-Cu-PGE mineralization associated with a mafic-ultramafic intrusive source.

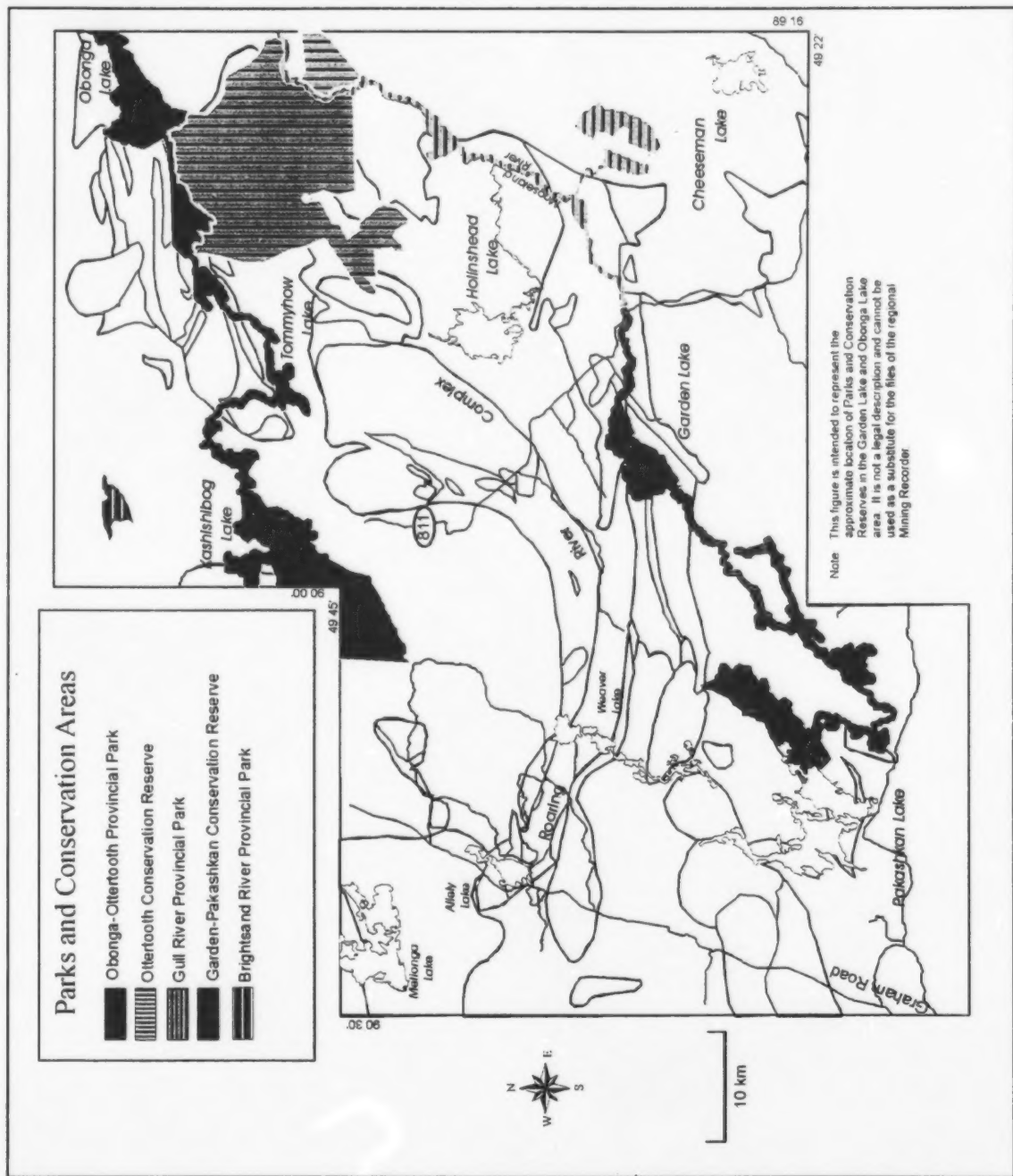


Figure 6: Parks and Conservation areas

Area 2: Kitchen Lake Road Area; Pd, ±Au, ±Pt

This area features elevated to weakly anomalous lake sediment palladium values of 6.4, 7.0 and 9.3 ppb in 3 small lakes about 5 km southeast of Ruffo Lake. Elevated values of gold and platinum occur in 2 of these lakes. The bedrock geology in the area consists of mafic to intermediate metavolcanic rocks, metasediments and felsic metavolcanic rocks of the Garden Lake greenstone belt. Recent mapping in the Kitchen Lake Road area describes an intensely sheared metavolcanic unit with up to 10% sulphides and iron carbonate alteration (Hart 1999). Near the western end of the Kitchen Lake Road, a felsic metavolcanic unit was observed to contain a sulphide bearing breccia with up to 15 to 20% pyrite mineralization.

The proportional dot map of lake conductivity shows a high electrical conductivity response from the same lake in which the 9.3 ppb Pd value was obtained. Previously released geochemical data for this area (Jackson and Dyer 2000) include anomalous arsenic in both lake and water samples, copper and calcium and elevated to weakly anomalous gold in lake sediments. The lakes in this area are deep relative to their surface areas. Some of the lakes contain anomalous manganese. The lakes may be exhibiting metal scavenging due to anoxic conditions and/or represent an east trending structure in this portion of the greenstone belt. Arsenopyrite is associated with gold elsewhere in the belt and is described from a gold-quartz-carbonate-bearing zone on Conick Lake located to the north of Garden Lake (Sage 1998).

The presence of elevated to weakly anomalous palladium and platinum in this area may be related to mafic intrusive rocks located along The Mooseland River about 3 km north of this area (Hart 1999). The Gull River Provincial Park occupies a 200 m buffer zone from the waters edge along the Mooseland River.

Area 3: Tarrison Lake; Pd, Pt

This area is situated between the Garden and Heaven lake greenstone belts on the north side of the Gull River. The Quaternary geology indicates that the Tarrison Lake area is covered by glaciofluvial deposits of the Kaiashk Interlobate Moraine. The bedrock geology is mapped as diabase underlain by Archean gneiss. Elevated to highly anomalous values of palladium occur in 9 lakes spread along a 10 km long corridor trending northeast from Hwy 811. Highly anomalous values of 23.3, 29.5 and 73.3 ppb palladium occur in 3 of the lakes. The highest palladium value in the Garden-Obonga survey area occurs in the most northeastern lake along this anomalous

trend. Weakly anomalous to anomalous values of platinum occur in 13 lake sediment samples in this area. The highest value of 5.0 ppb platinum occurs with the highest palladium value in the survey area (site 2044). The Tarrison Lake area was also identified as an anomalous area in a previous lake sediment geochemical survey (Jackson and Dyer 2000). The survey identified numerous lakes in the Tarrison Lake area with anomalous levels of Ni, Cu, Zn, Mg, Ti and V. A few lakes in this area also contain anomalous levels of As, Ca, Co, Cr and Mo. A large magnetic anomaly over this area is also visible on The Total Magnetic Field map of Ontario (Gupta 1991). The magnetic high is visible on the west side of Hwy 811 where it trends to the northeast and disappears beneath the diabase cover rocks.

Although there is very little outcrop in this area, the anomalous mineral assemblage indicates a possible ultramafic body lying beneath the Quaternary and Proterozoic cover. This area has the potential for Ni-Cu-PGE mineralization associated with mafic-ultramafic rocks.

Area 4: Grimm Lake; Pd, Pt, Au

The Grimm Lake area is located about 12 km northeast of Holinshead Lake near the Gull River. The bedrock geology of the area is mapped as Archean migmatitic and felsic intrusive rocks. An outcrop on the north end of Grimm Lake is mapped as a hornblende-biotite trondhjemite to quartz diorite. Proterozoic Nipissing diabase and Sibley Group limestones are mapped in the area. The geochemical anomalies in the Grimm Lake area occur in several lakes trending in a southeasterly direction along a topographic low. Drainage is southeast towards the Gull River. Palladium and platinum values in lake sediments range from elevated to anomalous in 8 of the lakes in the area. Highly anomalous values ranging from 16.6 to 26.6 ppb Pd occur in 4 other lakes in this trend. Anomalous values of 6.0 and 11.0 ppb gold occur in 2 lakes northwest of Grimm Lake. Previous geochemical data released for the Garden-Obonga study area also obtained anomalous gold values in these lake sediment samples (Jackson and Dyer 2000). The lakes in this area are also anomalous in Ni, Cu, Ag, Pb, Mg, Ca, W and Mo.

The proportional dot maps show high EC values, slightly basic pH and a few deep lakes in this area. The presence of Sibley Group limestones may be responsible for some of the anomalous Mg and Ca obtained in the lake samples. Metal scavenging in the deep lakes may also be responsible for some of the anomalous elements, but concentrations of iron and manganese in lake sediments is very low.

The combination of all of the anomalous elements, clustered

together from numerous lakes in the area may indicate a possible mafic to ultramafic bedrock source rock. The Grimm Lake area is bounded to the south by the Gull River Provincial Park and to the north by the Ottertooth Conservation Reserve area.

Area 5: Pantagrue/Labelais Lake; Pt, Pd, Au

The Pantagrue Lake area is located approximately 13 km south of Obonga Lake. The bedrock geology is mapped as Nipissing diabase overlying Archean felsic intrusive rocks (Sage 1998). One small outcrop of Sibley Group sandstone/siltstone is known from the eastern end of Pantagrue Lake. Elevated to anomalous values of platinum and elevated to highly anomalous values of palladium occur in 20 lakes covering a large area extending from the Pantagrue Lake area northwest into the Labelais Lake area. Two small lakes south of Pantagrue Lake returned values of 7 and 9 ppb gold. These lakes were also identified in a previous lake sediment geochemical dataset as having weakly anomalous concentrations of gold (Jackson and Dyer 2000). Gold values of 13, 8 and 6 ppb occur in three lake sediment sample sites located to the west of Labelais Lake. Other anomalous elements identified in a previous geochemical study include Ni, Cu, Ca, Mg and Zn (Jackson and Dyer 2000). The pH of lake waters is slightly basic, the EC values are high and Ca in lake waters is anomalous indicating an increase in dissolved solids in the waters in this area. The lake depths are relatively shallow with low iron and manganese concentrations in the lake sediments. Preferential metal scavenging in the sediments is probably not contributing to the anomalous characteristic of the area.

The suite of anomalous elements obtained from the Pantagrue area may suggest that a possible mafic-ultramafic source rock is contributing to the geochemical signature of the area. This may be a prospective area for Au-Ni-Cu-PGE mineralization associated with mafic-ultramafic rocks. The Pantagrue-Labelais lake area is located west of the Gull River Provincial Park and entirely within the Ottertooth Conservation Reserve.

Area 6: Lawrence Creek; Pd, Pt

This anomalous area is located about 4 km south of Puddy Lake and about 1 km south of Lawrence Creek at the northern contact of a mafic intrusive body. The bedrock geology is mapped as massive to pillowed mafic to intermediate metavolcanic rocks intruded by peridotitic to gabbroic rocks of the Core Zone mafic intrusive.

Four lakes in the area contain elevated palladium values and 1 lake returned a highly anomalous value of 17.6 ppb Pd. Elevated to anomalous values of platinum occur in the same five lakes. A previous geochemical data release indicated anomalous Ni, Cu, Cr and As in these lakes. This area is located north of the Obonga-Ottertooth Provincial Park.

Area 7: Scalp Lake; Pt, Pd, Au

Elevated to weakly anomalous values of platinum, palladium and gold occur in 2 lakes located northwest of the Awkward Lake mafic stock. The Awkward Lake mafic stock is crudely zoned with an outer gabbroic phase and a more anorthositic core (Sage 1998). Previously released data for this area outlined several lakes with anomalous concentrations of Ni, Cu, Au and W with elevated levels of Ag, S, Mo, Rb, Tl, Tm, Sr, Th, Y, Yb and REEs (Jackson and Dyer 2000).

The presence of these elements located near the contact of the Awkward Lake Stock, makes this a potential area for Ni-Cu-PGE mineralization associated with gabbroic/anorthositic rocks.

Area 8: Obonga Lake; Pt, Pd, Au

The anomalous area is located south of Western Bay and includes a linear string of several lakes. The anomalies follow the contact between Archean felsic intrusive rocks and mafic to intermediate metavolcanic rocks of the Obonga Lake greenstone belt (Sage 1998). Most of the area is overlain by diabase sills. Platinum values from 12 lakes in the area range from 2.0 to 13.4 ppb. The highest platinum value in the survey area occurs in Cooney Lake located immediately south of Western Bay. Elevated to anomalous values of palladium occurs in 8 lakes in the area and highly anomalous values of 25.6 and 45.2 ppb Pd occur in the Cooney Lake area. Elevated gold values ranging from 3 to 7 ppb occur in 5 lakes. Quality control methods indicate that gold values could be artificially elevated in this area and should be treated with some caution (Figure 4). Previous geochemical analyses obtained anomalous to highly anomalous values of copper, nickel, arsenic, chromium, cobalt, REEs, iron and manganese from lake sediments in this area (Jackson and Dyer 2000). Many of the lakes in the area are deep and contain anomalous iron and manganese concentrations. The anomalous values may be the result of metal scavenging and are possible false anomalies. The EC values are high, pH values are

slightly alkaline and calcium in lake waters is anomalous in this area. The Sibley Group limestones may be contributing to higher dissolved solids in these lakes. Most of the anomalies lie within the Obonga-Ottertooth Provincial Park and the Ottertooth Conservation Reserve.

Area 9: Silk Lake: Pd, Pt

Scattered values of elevated to anomalous platinum and palladium extend for about 3 km in a northeast direction from the south end of Silk Lake. The Bedrock geology consists of mafic, intermediate to felsic metavolcanic rocks with associated pyroclastic assemblages. The string of anomalous lakes corresponds with the older metavolcanic unit located along the southern contact of the Obonga Lake greenstone belt. The anomalies also parallel an east trending ductile shear zone containing abundant dismembered quartz veins (Percival and Stott 2000). One weak gold value occurs in a lake south of Silk lake that was previously shown to contain an anomalous value of 13 ppb gold (Jackson and Dyer 2000). The gold anomaly occurs near a mapped mafic-felsic metavolcanic rock contact along a major ductile shear zone (Sage 1998) and (Percival and Stott 2000). A previous geochemical data release also indicated elevated to anomalous values of Cu, Ni, Zn, Ag, Mn, As, Ca and Mg from lakes in the area (Jackson and Dyer 2000). Most of the area to the east of Silk lake is covered by the Ottertooth Conservation Reserve and the Obonga-Ottertooth Provincial Park.

Area 10: Bilkey Lake: Pd, Pt

Elevated to weakly anomalous values for platinum occur in 4 scattered lake sediment sample sites in the Bilkey Lake area. Palladium values of 6.1 and 12.3 ppb occur with the platinum values in 2 of these lakes (sites 1045 and 70) east of Bilkey Lake. Site 70 also contains anomalous Cu, Mg and Ni (Jackson and Dyer 2000). The anomalies may be of interest since they occur near known mafic intrusive bodies within the Roaring River Complex (Stern et al. 1989).

Area 11: Damon Lake; Pt, Pd

Elevated values of platinum and palladium occur in 2 lake sediment samples collected in Damon Lake. The same sites also contain elevated values of As, Cr, Cu and Ni (Jackson and Dyer 2000).

Although the values in Damon Lake are only elevated, they may be of interest since they occur in the sanukitoid suite of rocks within the Roaring River Complex.

Area 12: North Garden Lake; Pd, Pt

Two small lakes located about 3 km north of Garden Lake contain anomalous to highly anomalous values of palladium with elevated values of platinum. Proportional dot maps show high EC values in both of these lakes. A previous geochemical data release shows anomalous values of Ag, As, Ca and rare earth elements along with highly anomalous values of Cr, Cu, V and Y in lake sediments (Jackson and Dyer 2000). The lakes are located along an esker system and overlie the intermediate to mafic metavolcanic rocks of the Garden Lake greenstone belt. The lakes are shallow and contain elevated iron values in the sediments. Lake sediment samples collected northward along the same esker system do not contain these anomalous elements. The anomalous elements collected in these lakes may be related to a bedrock source rock. The area is located about 3 km north of the Garden-Pakashkan Conservation Reserve.

Area 13: South Garden Lake; Pd, Pt

A string of 4 lakes, extending south from Garden Lake, contain anomalous to highly anomalous values of palladium. Three of the lakes (1293, 944 & 1292) contain elevated to anomalous values of platinum. These lakes also contain elevated to anomalous values of Ni, Cu, and chromium (Jackson and Dyer 2000). Proportional dot maps show high EC values in shallow lakes with slightly alkalic waters. The lakes parallel an esker deposit, but not all of the lakes along the esker contain anomalous values. The anomalous elements in these 4 lakes may be related to a bedrock source and/or structure. The anomaly closest to Garden Lake is within the Garden-Pakashkan Conservation Reserve.

Area 14: South Pakashkan Lake; Pt, Pd

The area is covered by glaciofluvial sands and gravels of the Lac Seul Moraine. The bedrock geology is interpreted as Archean

migmatitic rocks (Sage 1998). Numerous lakes in the area contain elevated to weakly anomalous values of platinum and palladium. Elevated to anomalous values of W, V, Cr, Mo, Pb and arsenic have also been obtained from lake sediments in the area (Jackson and Dyer 2000). The pH of the lakes in the area is slightly alkaline and the EC values are relatively high. Dissolved solids (carbonates) would contribute to these values, but calcium in lake waters is low in this region. A few lakes contain elevated iron and manganese values in lake sediments. Some of the anomalies in the area may be the result of metal scavenging.

CONCLUSIONS

The preliminary results and interpretations discussed in this report have identified a number of PGE and Au exploration targets.

The target areas contain multi-element anomalies and are considered priority areas for further exploration. In addition, there are a number of single element anomalies throughout the survey area. The single element anomalies may warrant further investigation, especially if they occur in areas of favourable geology or known mineralization.

ACKNOWLEDGEMENTS

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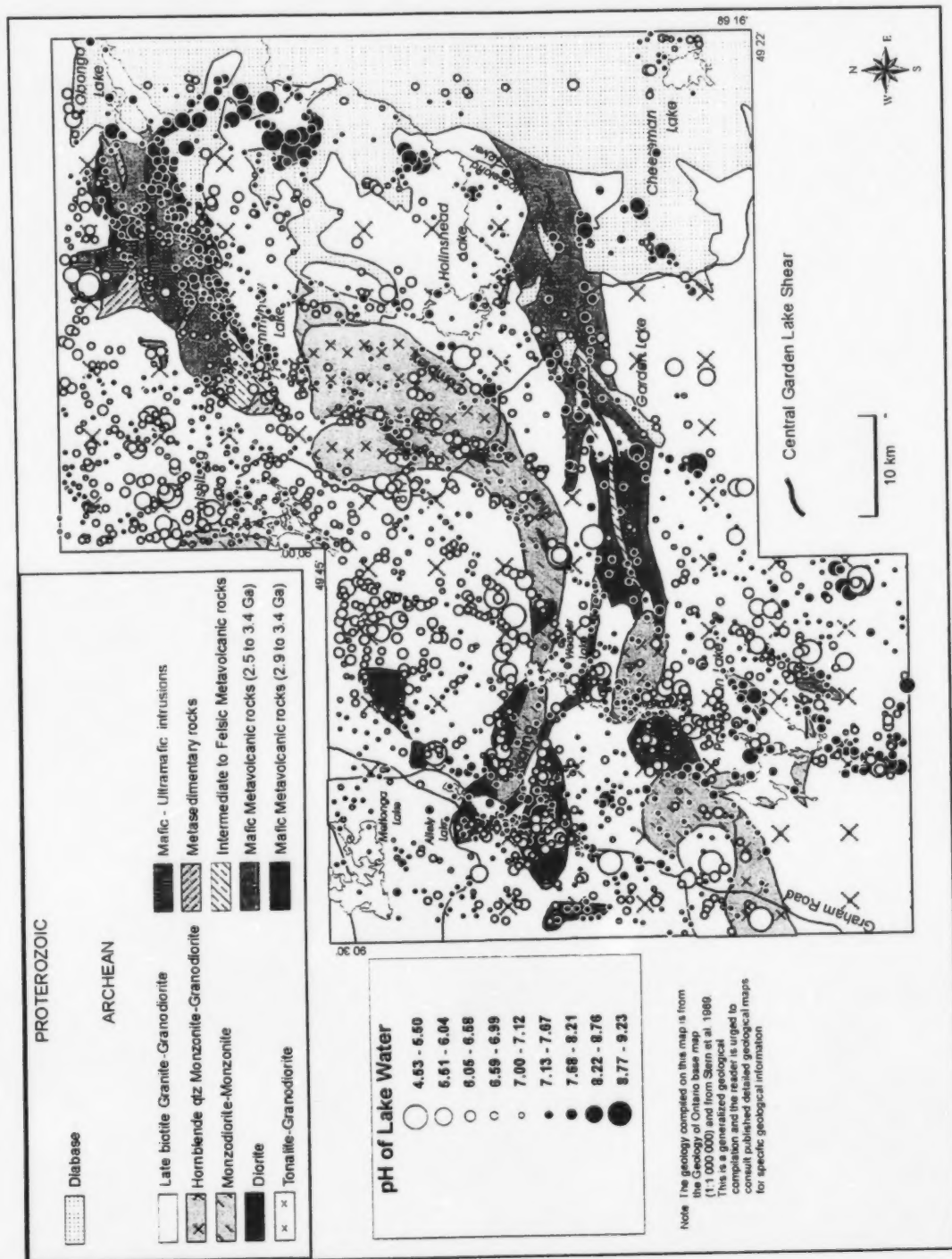
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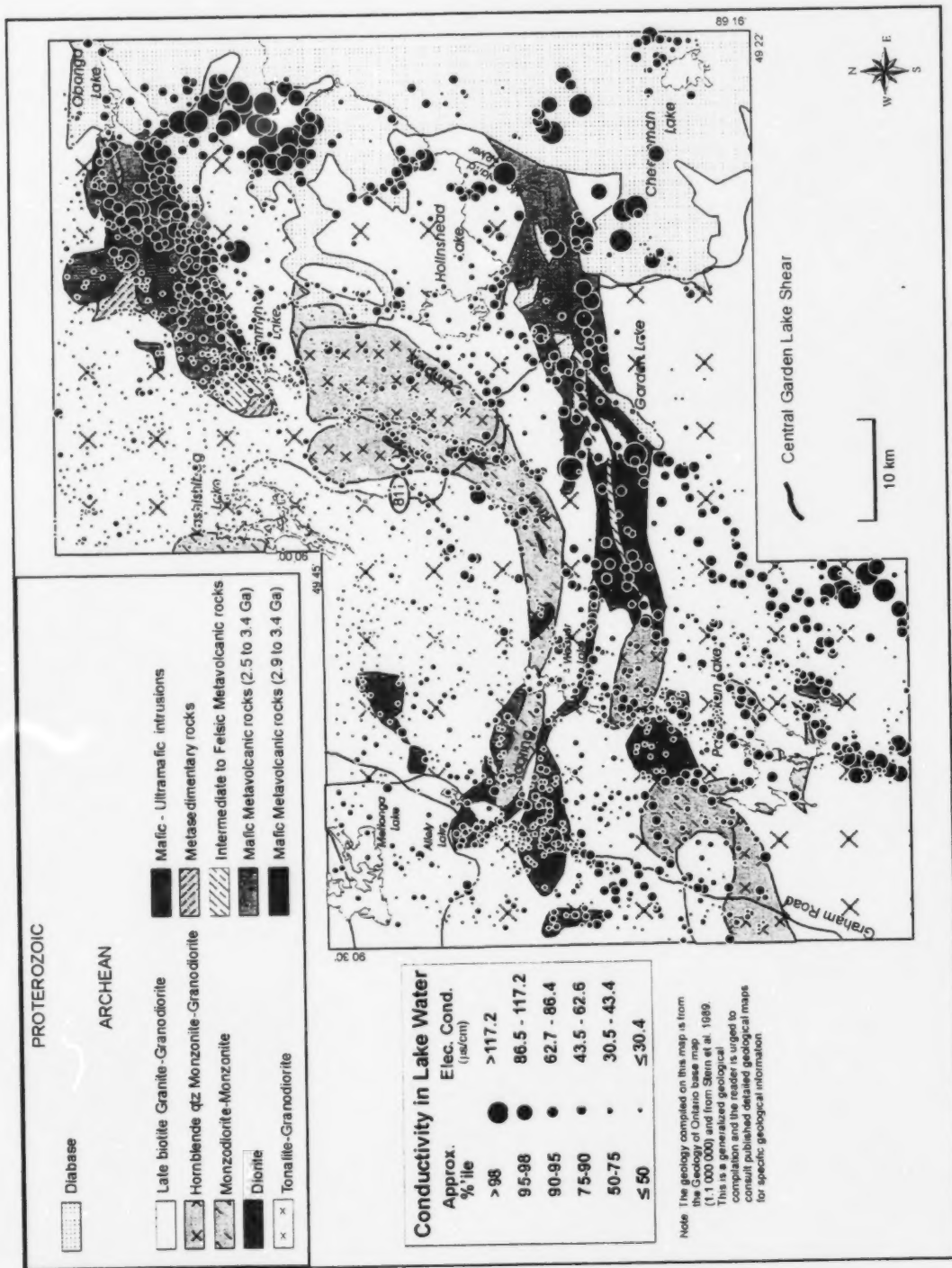


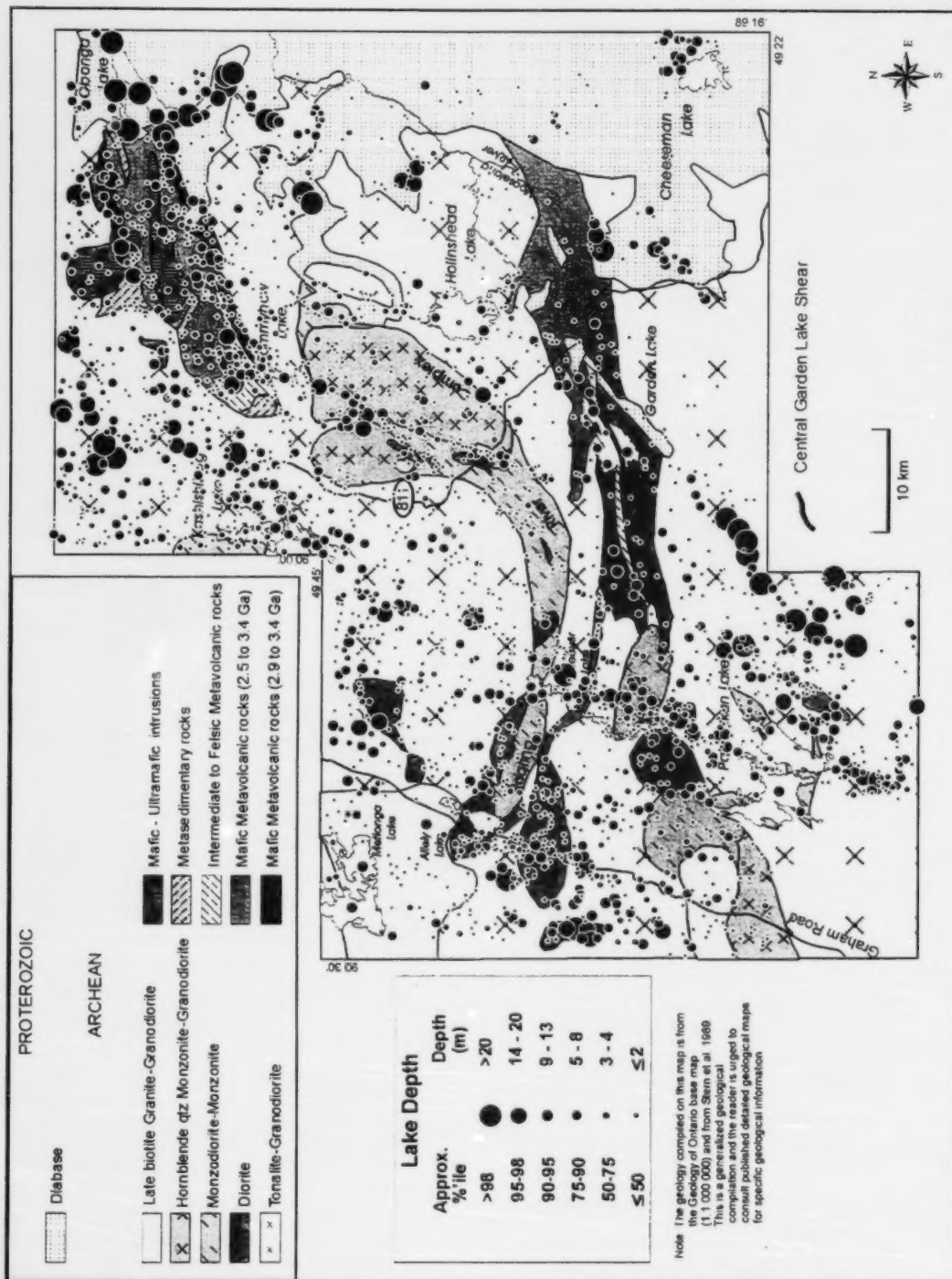
APPENDIX A

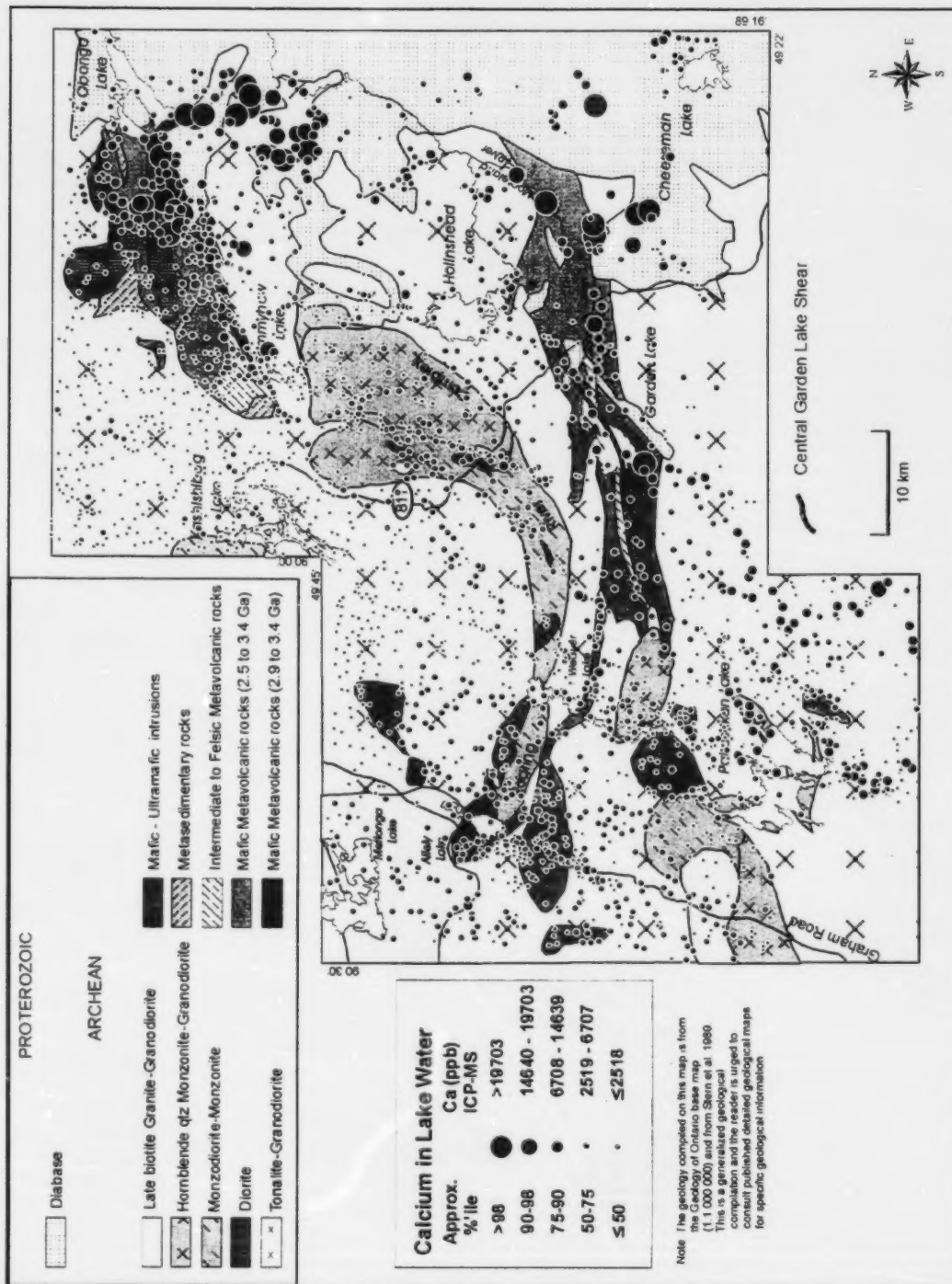
Proportional dot maps of pH, conductivity, lake depth and
Ca in lake waters.

The digital data used in the creation of these proportional dot maps
included in this section have been previously released in Miscellaneous
Release-Data (MRD-51) and OFR 6009.







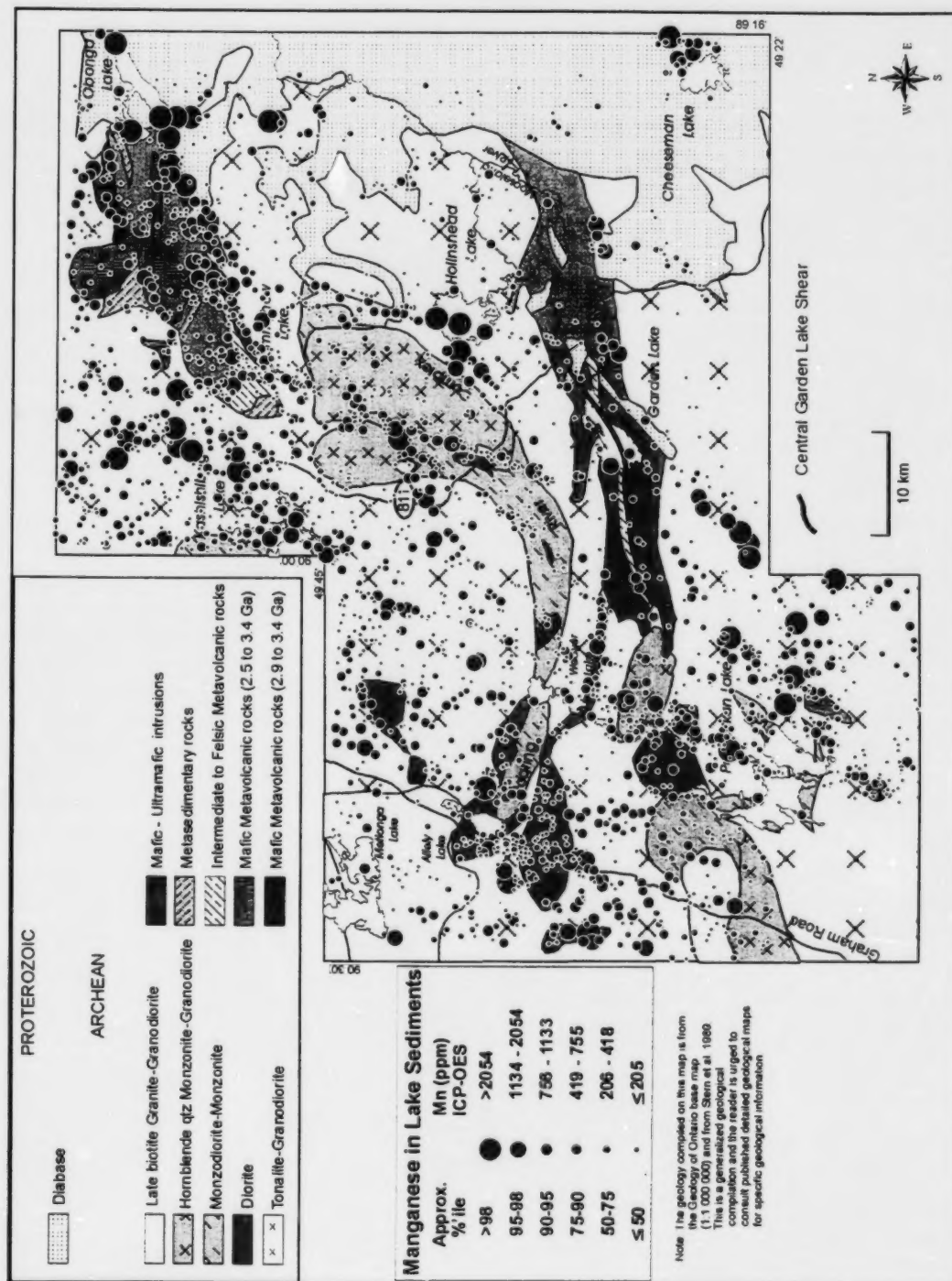




APPENDIX B

Lake sediment proportional dot maps for iron and manganese.

The digital data used in the creation of proportional dot maps for iron and manganese included in this section have been previously released in Miscellaneous Release-Data (MRD-51) and OFR 6009.





APPENDIX C

Summary of elements analyzed by lead fire assay and ICP-MS
for platinum, palladium and gold.

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
1	98RDD-0001	5502612	302764	4.2	1.9	-3	38.65	10
2	98RDD-0002	5502958	300693	2.0	1.1	-3	37.98	10
4	98RDD-0004	5506466	296562	1.8	0.8	-3	39.30	10
5	98RDD-0005	5507034	295285	2.2	1.0	-3	37.92	10
6	98RDD-0006	5508318	294037	2.3	1.2	-3	18.90	10
7	98RDD-0007	5509926	292719	1.5	0.9	-3	35.72	10
8	98RDD-0008	5510006	289683	0.4	0.5	-3	32.51	10
9	98RDD-0009	5511022	290240	1.1	0.6	-3	61.50	10
10	98RDD-0011	5512340	288700	1.0	-0.9	-9	57.79	3.35
12	98RDD-0013	5514353	291359	1.6	0.8	-4	59.66	7.81
13	98RDD-0014	5514540	290324	2.3	0.4	-3	22.89	10
14	98RDD-0015	5514002	288110	0.9	0.5	-3	46.49	10
15	98RDD-0016	5513896	287261	0.5	0.6	-3	50.47	10
16	98RDD-0017	5513765	286651	0.6	0.5	-3	57.77	10
17	98RDD-0018	5512675	285063	2.2	1.2	-3	39.52	10
18	98RDD-0019	5514104	285502	1.1	0.8	-3	43.32	9.64
19	98RDD-0021	5514680	284588	1.8	0.9	-3	36.80	10
20	98RDD-0022	5514426	284022	0.6	0.5	-3	40.73	10
21	98RDD-0023	5514885	282627	1.2	0.7	-3	34.61	10
22	98RDD-0024	5514610	279980	1.0	0.6	-3	32.41	10
23	98RDD-0025	5514880	279705	2.2	0.8	-3	45.75	10
24	98RDD-0026	5514742	279191	0.7	0.5	-3	50.50	10
25	98RDD-0027	5515084	279228	0.7	0.5	-4	54.43	8.57
26	98RDD-0028	5514756	278266	1.0	-0.4	-4	56.77	7.46
27	98RDD-0029	5513702	278289	1.0	0.5	-3	39.00	10
29	98RDD-0032	5512830	277090	1.3	0.8	-3	38.50	10
30	98RDD-0033	5513174	276439	0.9	0.5	-3	44.83	10
31	98RDD-0034	5513741	276743	1.0	0.6	-3	44.23	10
32	98RDD-0035	5515053	277490	1.4	1.0	-3	31.47	10
33	98RDD-0036	5515236	276771	0.9	0.6	-3	40.55	10
34	98RDD-0037	5514209	276226	0.6	0.4	-3	47.60	10
35	98RDD-0038	5513994	275560	1.7	0.7	-3	44.52	10
36	98RDD-0039	5512583	275867	0.5	0.3	-3	35.44	10
37	98RDD-0041	5512061	275868	1.0	0.7	-3	45.55	10
38	98RDD-0042	5511935	277060	0.9	0.3	-3	37.89	10
39	98RDD-0043	5512347	277815	1.1	0.6	-3	53.01	10
40	98RDD-0044	5511725	278582	1.0	0.6	-3	44.08	10
42	98RDD-0046	5511505	280111	1.9	0.8	-3	34.96	10
43	98RDD-0047	5512061	279895	-0.9	-0.9	-9	75.37	3.43
44	98RDD-0048	5512456	280300	0.8	0.4	-3	66.51	10
45	98RDD-0049	5512798	280015	1.1	0.6	-3	46.42	10
46	98RDD-0051	5513118	280413	1.6	0.6	-3	36.30	10
47	98RDD-0052	5513458	280606	1.0	0.5	-3	34.95	10
48	98RDD-0053	5513302	281367	1.1	0.7	-3	46.02	10
49	98RDD-0054	5512804	282629	1.7	0.9	-3	36.78	10
50	98RDD-0055	5511444	282864	0.9	0.6	-3	47.04	10
51	98RDD-0056	5510734	282797	2.5	1.6	-3	31.89	10
52	98RDD-0057	5510815	283428	3.2	1.4	-3	40.77	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
53	98RDD-0058	5509975	285253	0.8	0.6	-3	44.75	10
55	98RDD-0061	5510278	289148	-0.5	-0.5	-5	36.40	5.55
56	98RDD-0062	5509498	290054	0.9	0.3	-3	36.00	10
57	98RDD-0063	5508596	291379	3.4	1.2	-3	37.70	10
58	98RDD-0064	5508545	292701	1.2	0.6	-3	40.78	10
59	98RDD-0065	5509060	293713	2.4	0.9	-3	47.33	10
60	98RDD-0066	5508517	295050	1.4	0.7	-3	47.60	10
62	98RDD-0068	5505514	295982	1.0	0.7	-3	50.66	10
63	98RDD-0069	5503112	297529	3.1	1.8	-3	53.12	10
64	98RDD-0071	5501557	299314	1.0	0.7	-3	62.23	10
65	98RDD-0072	5501824	301687	4.1	1.4	3	34.66	10
66	98RDD-0073	5502909	302420	1.3	0.6	-3	60.08	10
67	98RDD-0074	5503057	299094	0.8	0.7	-3	32.35	10
68	98RDD-0075	5503670	295004	1.2	0.7	-3	50.19	10
69	98RDD-0076	5506742	293502	1.3	0.4	-3	68.02	10
70	98RDD-0077	5507116	293326	12.3	2.7	-3	26.87	10
72	98RDD-0079	5507881	291482	2.1	1.0	-3	42.08	10
73	98RDD-0081	5507528	290324	0.6	0.5	-3	41.66	10
74	98RDD-0082	5507762	289990	1.9	1.0	-3	41.10	10
75	98RDD-0083	5508546	286805	1.1	0.5	-3	60.00	10
76	98RDD-0084	5509199	286431	1.4	0.8	-3	50.14	10
77	98RDD-0085	5509712	286018	0.5	0.4	-3	41.88	10
78	98RDD-0086	5508839	285547	0.9	0.5	-3	45.60	10
79	98RDD-0087	5508125	284876	1.5	0.7	-3	44.18	10
80	98RDD-0088	5508496	283337	0.7	0.5	-3	53.32	10
81	98RDD-0089	5509609	282450	1.1	0.6	-3	38.41	10
82	98RDD-0091	5509096	281380	1.5	0.7	-3	43.83	10
83	98RDD-0092	5509854	281395	0.9	0.8	-3	42.01	10
85	98RDD-0094	5509371	279185	1.4	0.9	-3	37.64	10
87	98RDD-0096	5509885	278971	-1.0	-1.0	-10	67.15	3.02
88	98RDD-0097	5510518	279115	2.2	0.9	-3	38.49	10
89	98RDD-0098	5510776	278239	1.1	-1.0	-10	46.23	2.89
90	98RDD-0099	5511347	277212	1.1	0.7	-3	36.11	10
91	98RDD-0101	5510849	276300	0.6	0.5	-3	46.88	10
92	98RDD-0102	5511364	275521	1.4	0.6	-3	48.89	10
93	98RDD-0103	5512826	274898	1.1	0.8	-3	44.59	10
95	98RDD-0105	5514105	274000	1.1	0.6	-3	45.76	10
96	98RDD-0106	5514474	274773	1.2	-1.1	-11	42.74	2.64
97	98RDD-0107	5515230	275162	-0.3	-0.3	-3	39.63	10
98	98RDD-0108	5515310	273728	0.9	0.6	-3	44.23	10
99	98RDD-0109	5514889	272503	1.7	0.7	-3	44.37	10
100	98RDD-0111	5514275	272922	1.5	0.8	-3	45.48	10
101	98RDD-0112	5512722	273088	1.3	0.7	-3	45.53	10
102	98RDD-0113	5512971	272400	1.2	1.1	-3	40.77	10
103	98RDD-0114	5513047	271627	1.8	1.2	-3	33.80	10
104	98RDD-0115	5512892	271182	1.6	1.2	-3	34.31	10
105	98RDD-0116	5512952	270652	1.3	0.7	-3	43.53	10
106	98RDD-0117	5514104	271168	1.2	0.4	-3	31.30	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
107	98RDD-0118	5514665	271338	1.3	0.8	-3	37.69	10
108	98RDD-0119	5515313	268981	0.5	0.3	-3	34.29	10
109	98RDD-0121	5513818	268631	1.1	0.6	-3	60.23	10
111	98RDD-0123	5512752	269843	1.3	0.9	4	37.99	10
112	98RDD-0124	5512107	269893	2.0	0.7	-3	40.09	10
113	98RDD-0125	5512310	268586	0.7	0.6	-3	51.82	10
114	98RDD-0126	5511217	268017	1.4	0.8	-3	41.49	10
115	98RDD-0127	5511804	266797	0.9	0.6	-3	53.80	10
116	98RDD-0128	5513057	267419	1.6	0.9	-3	31.11	10
117	98RDD-0129	5514715	267270	0.8	0.4	-3	33.79	10
118	98RDD-0131	5515495	267606	1.0	0.7	-3	36.99	10
119	98RDD-0132	5515306	266202	1.1	0.7	-3	34.98	10
120	98RDD-0133	5513923	265967	1.5	0.8	-3	29.60	10
121	98RDD-0134	5512783	265678	2.4	0.9	-3	30.06	10
122	98RDD-0135	5511590	265033	1.3	0.9	-3	30.92	10
123	98RDD-0136	5512805	264344	0.7	0.8	-3	35.56	10
124	98RDD-0137	5513441	263612	0.7	0.5	-3	47.84	10
125	98RDD-0138	5514086	262292	1.1	0.6	-3	29.35	10
127	98RDD-0141	5511491	261501	1.9	0.9	-3	45.55	10
128	98RDD-0142	5511223	262078	0.7	0.5	-3	44.43	10
130	98RDD-0144	5509273	263714	2.3	1.7	-3	19.43	10
132	98RDD-0146	5510751	265866	5.0	6.6	-3	30.59	10
133	98RDD-0147	5510169	267305	0.4	0.6	-3	58.64	10
135	98RDD-0149	5509368	270953	0.6	0.6	-3	52.37	10
136	98RDD-0151	5509062	271445	0.3	0.5	-3	39.83	10
137	98RDD-0152	5508902	271619	-0.3	0.6	-3	41.62	10
138	98RDD-0153	5509053	271961	0.7	0.7	-3	45.45	10
139	98RDD-0154	5511433	272704	1.2	0.8	-3	44.12	10
140	98RDD-0155	5511233	273711	0.5	0.4	-3	41.63	10
141	98RDD-0156	5509694	274963	0.4	0.3	-3	58.45	10
142	98RDD-0157	5509589	276703	-0.3	0.4	-3	50.73	10
143	98RDD-0158	5509108	276872	3.0	1.4	-3	35.67	10
144	98RDD-0159	5508785	278860	2.5	2.9	-3	52.19	10
145	98RDD-0161	5505369	280370	1.7	0.8	-3	52.26	10
146	98RDD-0162	5504994	283358	0.5	-0.3	-3	31.93	10
147	98RDD-0163	5506451	284297	2.4	1.0	-3	32.93	10
148	98RDD-0164	5506165	285539	4.3	2.2	-3	23.07	10
149	98RDD-0165	5507194	287288	0.6	0.3	-3	59.39	10
150	98RDD-0166	5506499	290289	1.8	1.3	-3	37.62	10
151	98RDD-0167	5506108	292987	2.7	1.2	-3	57.73	10
152	98RDD-0168	5502965	297822	1.7	0.7	-3	40.80	10
153	98RDD-0169	5501189	300928	2.2	1.7	-3	15.31	10
154	98RDD-0171	5500217	305563	1.9	0.8	-3	30.15	10
155	98RDD-0172	5500172	302810	3.0	1.2	-3	16.82	10
156	98RDD-0173	5500255	300086	2.1	1.2	-3	39.61	10
157	98RDD-0174	5500540	298023	1.9	1.1	-3	55.07	10
158	98RDD-0175	5501171	293915	1.2	1.2	-3	56.46	10
159	98RDD-0176	5503341	293007	3.0	1.5	-3	39.75	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 18	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
160	98RDD-0177	5504105	289915	0.8	-0.6	-6	68.66	5.01
161	98RDD-0178	5503834	289404	0.9	0.4	-4	63.45	8.03
162	98RDD-0179	5504735	286234	1.7	1.3	-3	35.33	10
164	98RDD-0182	5504447	282968	0.6	0.5	-3	19.27	10
165	98RDD-0183	5505040	280148	0.5	0.7	-3	34.76	10
166	98RDD-0184	5506190	276406	0.6	0.5	-3	41.45	10
167	98RDD-0185	5507332	275599	1.4	0.7	-3	42.57	10
168	98RDD-0186	5509117	273435	0.9	0.5	-3	33.57	10
169	98RDD-0187	5508097	271714	0.5	0.5	-3	32.44	10
170	98RDD-0188	5508613	269934	0.8	0.5	-3	54.55	10
171	98RDD-0189	5508972	267823	1.5	0.7	-3	51.69	10
172	98RDD-0191	5509223	267638	0.9	-0.3	-3	32.53	10
173	98RDD-0192	5508331	267480	0.9	0.6	-3	25.27	10
174	98RDD-0193	5509033	266323	4.0	1.3	-3	46.13	10
175	98RDD-0194	5507847	265935	1.8	0.8	-3	39.52	10
176	98RDD-0195	5506348	264285	1.0	0.5	-3	49.86	10
177	98RDD-0196	5505792	263961	0.9	0.4	-3	41.08	10
178	98RDD-0197	5505659	263479	2.6	1.1	-3	45.91	10
179	98RDD-0198	5506175	263697	0.6	0.4	-3	67.55	10
180	98RDD-0199	5506792	263537	1.1	0.6	-3	54.80	10
181	98RDD-0201	5506069	262768	2.0	0.9	-3	42.02	10
182	98RDD-0202	5507616	260648	-0.3	-0.3	-3	41.49	10
183	98RDD-0203	5510537	260900	0.5	-0.3	-3	33.53	10
184	98RDD-0204	5513696	260391	1.2	0.4	-3	33.52	10
185	98RDD-0205	5515401	260523	-0.3	0.4	-3	39.29	10
187	98RDD-0207	5514966	259401	0.8	-0.3	-3	57.32	10
188	98RDD-0208	5515730	257895	0.6	-0.3	-3	42.74	10
190	98RDD-0211	5515116	257330	0.5	0.4	-3	54.57	10
191	98RDD-0212	5514240	258531	0.5	0.5	-3	44.05	10
192	98RDD-0213	5514048	259205	-1.3	-1.3	-13	63.27	2.38
193	98RDD-0214	5513210	259197	1.1	0.7	-3	33.00	10
194	98RDD-0215	5512374	258133	2.7	0.8	-3	21.60	10
196	98RDD-0217	5512586	254193	0.7	0.4	-3	29.64	10
197	98RDD-0218	5515174	253175	0.8	0.6	-3	30.01	10
198	98RDD-0219	5515811	252973	0.8	0.4	-3	37.32	10
200	98RDD-0222	5509782	247582	1.3	0.5	-3	26.46	10
201	98RDD-0223	5509864	250237	0.7	-0.3	-3	44.05	10
202	98RDD-0224	5508975	252442	1.1	0.6	-3	35.54	10
203	98RDD-0225	5509343	253038	1.4	0.6	-3	40.90	10
204	98RDD-0226	5509913	253552	0.8	0.6	-3	43.93	10
205	98RDD-0227	5509510	254187	0.4	0.5	-3	37.34	10
206	98RDD-0228	5510009	254414	0.9	0.9	-3	47.42	10
207	98RDD-0229	5510193	255254	1.0	0.7	-3	43.32	10
208	98RDD-0231	5506602	258149	1.5	0.7	-3	23.85	10
209	98RDD-0232	5504683	260345	0.9	0.8	-3	27.62	10
211	98RDD-0234	5504398	266340	1.2	0.7	-3	42.04	10
212	98RDD-0235	5503309	272230	1.2	0.6	-3	55.11	10
213	98RDD-0236	5503410	275419	1.3	0.9	-3	45.46	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
214	98RDD-0237	5502720	281418	7.3	1.2	-3	34.78	10
215	98RDD-0238	5503471	284768	1.0	0.9	-3	40.26	10
216	98RDD-0239	5501912	289866	2.3	1.1	-3	41.44	10
217	98RDD-0241	5501679	293935	3.7	0.9	-3	69.04	10
218	98RDD-0242	5499800	298165	2.8	1.0	-3	63.88	10
219	98RDD-0243	5499698	300739	2.7	0.9	-7	52.96	4.14
220	98RDD-0244	5498913	305245	2.5	0.7	-3	36.66	10
221	98RDD-0245	5498678	301874	3.9	1.3	6	42.30	10
222	98RDD-0246	5501658	298121	1.1	0.4	-3	42.27	10
223	98RDD-0247	5504522	294803	2.7	1.6	-3	39.74	10
224	98RDD-0248	5505324	292364	0.6	0.5	-3	39.35	10
225	98RDD-0249	5505932	292401	-0.5	-0.5	-5	51.12	5.49
226	98RDD-0251	5506194	291765	2.2	1.3	-3	21.50	10
227	98RDD-0252	5506928	289309	2.0	1.4	-3	36.85	10
228	98RDD-0253	5506182	288240	13.3	2.2	-3	38.20	10
230	98RDD-0255	5504181	285708	1.0	0.6	-3	10.43	10
231	98RDD-0256	5503946	284052	1.7	0.6	-3	41.21	10
232	98RDD-0257	5504473	283721	3.3	0.9	-3	55.66	10
233	98RDD-0258	5503651	283213	0.5	0.7	-3	50.71	10
234	98RDD-0259	5503324	280257	1.7	1.0	-3	46.80	10
235	98RDD-0261	5505211	279507	0.8	0.5	-3	36.21	10
236	98RDD-0262	5505350	275714	0.7	0.5	-3	37.64	10
237	98RDD-0263	5505764	275040	0.8	0.7	-3	44.04	10
238	98RDD-0264	5507090	273513	0.7	0.4	-3	30.57	10
239	98RDD-0265	5507127	272440	0.7	-0.6	-6	43.83	5.01
240	98RDD-0266	5507261	271828	0.7	0.6	-3	41.33	10
241	98RDD-0267	5507209	270920	2.6	0.9	-3	47.66	10
242	98RDD-0268	5507738	269826	2.8	0.9	-3	49.88	10
243	98RDD-0269	5507899	268677	2.8	0.9	-3	39.98	10
244	98RDD-0271	5506857	268111	1.6	0.7	-3	43.67	10
245	98RDD-0272	5506290	267676	1.7	0.8	-3	45.92	10
246	98RDD-0273	5505057	264815	0.4	0.4	-3	62.61	10
247	98RDD-0274	5504021	264388	1.1	0.6	-3	58.03	10
248	98RDD-0275	5504431	261865	3.5	1.0	-3	60.41	10
249	98RDD-0276	5504186	259342	4.4	1.5	-3	33.58	10
251	98RDD-0278	5503869	256356	1.3	0.7	-3	37.64	10
252	98RDD-0279	5503602	255124	0.6	0.4	-3	16.05	10
253	98RDD-0281	5502717	253489	0.3	-0.3	-3	47.91	10
254	98RDD-0282	5504677	252198	1.2	0.7	-3	64.19	10
255	98RDD-0283	5505740	253122	0.8	0.4	-3	56.90	10
256	98RDD-0284	5506422	253348	0.7	0.5	-3	48.02	10
257	98RDD-0285	5507577	253970	0.4	0.4	-3	27.90	10
258	98RDD-0286	5507470	254425	1.1	0.5	-3	53.60	10
259	98RDD-0287	5508303	254935	0.7	0.5	-3	42.66	10
260	98RDD-0288	5508657	253638	-0.3	-0.3	-3	46.38	10
261	98RDD-0289	5508128	250242	1.2	1.0	-3	38.26	10
262	98RDD-0291	5507241	250187	2.0	0.8	-3	42.59	10
263	98RDD-0292	5506987	249229	0.8	0.7	-3	66.77	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
264	98RDD-0293	5505986	249794	1.7	0.9	-3	44.13	10
265	98RDD-0294	5505656	248861	2.2	1.0	-3	40.58	10
266	98RDD-0295	5505953	247346	0.9	0.5	-3	74.11	10
267	98RDD-0296	5504717	248348	1.7	0.9	-3	32.35	10
268	98RDD-0297	5503433	247750	1.3	0.5	-3	24.72	10
269	98RDD-0298	5503612	249572	0.7	0.7	-3	54.29	10
271	98RDD-0301	5504054	250537	1.4	0.6	-3	41.49	10
272	98RDD-0302	5502960	251384	1.1	1.0	-3	38.92	10
273	98RDD-0303	5502773	250849	1.0	1.0	-3	31.32	10
274	98RDD-0304	5502485	250047	0.5	0.7	-3	19.00	10
275	98RDD-0305	5502512	249570	1.4	0.9	-3	38.56	10
276	98RDD-0306	5501918	248792	0.6	0.4	-3	42.11	10
277	98RDD-0307	5502361	248318	1.8	0.7	-3	48.29	10
278	98RDD-0308	5502098	247763	0.8	0.5	-3	11.73	10
279	98RDD-0309	5500817	248221	1.8	1.3	-3	25.96	10
280	98RDD-0311	5500399	247384	1.3	0.9	-3	60.17	10
281	98RDD-0312	5499306	247194	2.1	0.8	-3	36.81	10
282	98RDD-0313	5500027	248663	1.2	0.8	-3	46.87	10
283	98RDD-0314	5498443	249204	3.0	1.2	-3	42.03	10
284	98RDD-0315	5498115	248768	0.6	0.6	-3	45.68	10
285	98RDD-0316	5497425	248787	1.5	0.8	-3	54.30	10
286	98RDD-0317	5498176	249891	1.3	-0.6	-6	64.78	5.05
287	98RDD-0318	5499024	249713	1.0	2.2	-3	39.98	10
288	98RDD-0319	5499175	250244	0.8	0.4	-3	29.74	10
290	98RDD-0322	5498986	252943	2.5	1.2	-3	33.13	10
291	98RDD-0323	5499444	254067	2.8	1.3	-3	22.42	10
292	98RDD-0324	5500010	254582	1.3	0.8	-3	40.08	10
294	98RDD-0326	5501965	251861	0.6	0.6	-3	42.22	10
295	98RDD-0327	5501044	255477	1.0	0.7	-3	40.24	10
296	98RDD-0328	5501417	255642	1.3	0.6	-3	49.94	10
297	98RDD-0329	5501561	255425	0.3	-0.3	-3	33.20	10
301	98RDD-0334	5503283	256995	2.3	-1.0	-10	74.01	3
302	98RDD-0335	5502761	259264	3.1	1.4	-3	33.39	10
303	98RDD-0336	5502817	261823	4.5	0.6	-3	45.54	10
304	98RDD-0337	5503791	261770	4.4	1.1	-3	49.81	10
305	98RDD-0338	5503005	263180	1.0	0.9	-3	38.44	10
306	98RDD-0339	5503481	264882	0.8	0.7	-3	58.33	10
307	98RDD-0341	5502160	265772	1.6	0.8	-3	34.36	10
308	98RDD-0342	5505257	269095	2.0	0.7	-3	38.08	10
309	98RDD-0343	5504926	269719	3.2	1.0	-3	35.48	10
310	98RDD-0344	5505413	271433	0.6	0.3	-3	56.11	10
311	98RDD-0345	5506661	271304	1.1	0.7	-3	35.59	10
312	98RDD-0346	5505914	272454	1.4	0.8	-3	45.07	10
313	98RDD-0347	5505238	274991	2.7	1.0	-3	22.12	10
314	98RDD-0348	5503600	277604	0.7	0.5	-3	33.58	10
315	98RDD-0349	5502525	278754	0.9	0.7	-3	61.35	10
316	98RDD-0351	5502660	279076	0.4	0.5	-3	52.10	10
318	98RDD-0353	5503010	283758	1.4	0.6	-3	52.62	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
319	98RDD-0354	5502502	286922	1.6	0.8	-3	32.27	10
320	98RDD-0355	5501232	289805	1.3	0.8	-3	43.92	10
321	98RDD-0356	5500732	293088	1.3	0.7	-3	41.60	10
322	98RDD-0357	5500899	293687	1.3	0.7	-3	62.52	10
323	98RDD-0358	5500324	299261	3.5	0.4	-3	38.84	10
324	98RDD-0359	5500752	300467	1.9	0.9	-3	30.15	10
325	98RDD-0361	5499056	304935	4.4	1.1	-3	61.49	10
326	98RDD-0362	5498847	306660	3.0	1.1	-3	43.75	10
327	98RDD-0363	5496646	304593	7.8	2.4	-3	53.66	10
328	98RDD-0364	5493611	302593	2.4	1.0	-3	39.26	10
329	98RDD-0365	5492345	300978	3.3	1.3	4	58.73	10
332	98RDD-0368	5491521	296541	5.5	2.1	-3	30.83	10
336	98RDD-0373	5487586	293742	5.1	2.2	-3	14.07	10
337	98RDD-0374	5485970	292911	26.4	1.5	-3	44.07	10
338	98RDD-0375	5485935	292197	3.9	1.5	-3	43.33	10
339	98RDD-0376	5485122	291515	4.4	1.6	-3	40.00	10
340	98RDD-0377	5484983	290146	4.9	1.7	-3	36.76	10
341	98RDD-0378	5485271	294550	1.6	0.7	-3	42.98	10
342	98RDD-0379	5486049	297096	5.7	1.4	-3	44.02	10
343	98RDD-0381	5487707	297899	2.5	0.9	-3	54.45	10
345	98RDD-0383	5494483	304347	1.6	0.8	-3	52.53	10
346	98RDD-0384	5495582	305043	0.6	0.5	-3	77.08	10
347	98RDD-0385	5497999	304843	1.9	0.7	-3	45.32	10
349	98RDD-0387	5502765	297487	2.0	1.0	-3	39.25	10
350	98RDD-0388	5502705	294203	1.1	0.7	-3	74.76	10
351	98RDD-0389	5502644	293487	5.5	2.1	-3	47.18	10
352	98RDD-0391	5504455	291513	2.5	0.8	-3	52.99	10
353	98RDD-0392	5504834	290372	1.8	0.8	-3	47.06	10
355	98RDD-0394	5502905	283476	0.6	0.4	-3	50.87	10
356	98RDD-0395	5501892	283032	2.5	0.8	-3	40.58	10
357	98RDD-0396	5501600	283019	3.1	1.1	-3	35.37	10
358	98RDD-0397	5502135	281137	1.7	0.6	-3	39.10	10
359	98RDD-0398	5503713	278920	1.0	0.6	-3	62.12	10
360	98RDD-0399	5506086	278515	0.4	0.4	7	41.21	10
361	98RDD-0401	5507783	278813	2.4	0.9	-3	46.28	10
362	98RDD-0402	5508582	278287	1.3	0.7	-3	62.18	10
363	98RDD-0403	5508469	278142	0.7	0.5	-3	52.23	10
364	98RDD-0404	5507280	278174	0.8	0.4	-3	31.32	10
365	98RDD-0405	5506668	278113	-0.3	0.3	-3	34.01	10
366	98RDD-0406	5506778	277898	-0.3	0.5	-3	42.28	10
367	98RDD-0407	5504757	278133	0.4	0.5	-3	47.21	10
368	98RDD-0408	5503848	274307	0.6	0.5	-3	47.86	10
369	98RDD-0409	5502401	273845	2.1	0.9	-3	32.59	10
370	98RDD-0411	5501881	273966	1.9	0.9	-3	36.33	10
371	98RDD-0412	5502622	271980	1.6	0.7	-3	56.20	10
372	98RDD-0413	5502986	271072	1.7	0.7	-3	43.89	10
373	98RDD-0414	5503552	270696	1.0	0.5	-3	41.61	10
374	98RDD-0415	5504224	270330	0.8	0.6	-3	54.04	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
375	98RDD-0416	5504023	269558	4.9	1.0	-3	40.04	10
376	98RDD-0417	5501784	270241	2.0	1.2	4	31.93	10
377	98RDD-0418	5500656	270661	1.5	0.8	-3	45.21	10
378	98RDD-0419	5500349	269877	0.6	0.5	-3	35.21	10
379	98RDD-0421	5499907	267271	1.7	1.0	-3	40.89	10
380	98RDD-0422	5500684	266837	1.8	0.9	-3	46.58	10
381	98RDD-0423	5501637	265756	1.5	0.7	-3	36.75	10
382	98RDD-0424	5500505	263580	0.8	0.5	-3	48.03	10
383	98RDD-0425	5500542	263251	1.4	0.9	-3	28.65	10
384	98RDD-0426	5501431	263325	0.8	0.6	-3	44.11	10
385	98RDD-0427	5501321	261875	2.0	0.9	-3	28.22	10
386	98RDD-0428	5502440	262314	2.2	1.0	7	38.55	10
387	98RDD-0429	5502003	261382	2.9	1.4	-3	51.23	10
388	98RDD-0431	5500597	261369	1.8	1.0	-3	36.90	10
389	98RDD-0432	5500095	260441	3.9	1.4	-3	41.83	10
392	98RDD-0435	5501572	256936	2.4	0.8	-3	56.69	10
393	98RDD-0436	5501944	256832	1.3	0.6	-3	41.32	10
394	98RDD-0437	5502599	256633	2.4	0.6	-4	67.56	7.17
395	98RDD-0438	5501706	256077	0.9	-0.4	-4	64.55	7.52
396	98RDD-0439	5500979	256154	4.1	1.2	-3	47.97	10
397	98RDD-0441	5500292	256171	-0.8	-0.8	-8	75.60	3.9
398	98RDD-0442	5500018	256234	0.6	0.4	-3	76.35	10
399	98RDD-0443	5500105	255855	2.0	1.1	-3	41.38	10
400	98RDD-0444	5499472	255634	1.0	-0.3	-3	43.20	10
401	98RDD-0445	5499039	255989	1.1	0.6	-3	45.41	10
402	98RDD-0446	5498466	256013	2.6	0.9	-3	62.63	10
403	98RDD-0447	5498461	255527	0.6	0.6	-3	38.53	10
404	98RDD-0448	5498075	255131	-0.3	0.7	-3	40.80	10
405	98RDD-0449	5498326	253554	0.6	0.7	-3	47.26	10
406	98RDD-0451	5498321	253059	1.1	0.9	-3	47.34	10
407	98RDD-0452	5497791	252900	0.8	0.8	-3	43.42	10
408	98RDD-0453	5497963	252518	0.7	0.4	-3	33.58	10
409	98RDD-0454	5497110	252583	0.7	0.6	-3	53.42	10
410	98RDD-0455	5495371	250945	1.0	1.0	-3	40.09	10
411	98RDD-0456	5494325	250671	0.7	0.7	-3	51.07	10
412	98RDD-0457	5494064	250262	0.8	0.7	-3	42.02	10
413	98RDD-0458	5494523	248644	1.3	0.9	-3	34.46	10
414	98RDD-0459	5494582	247906	0.7	1.1	-3	19.91	10
415	98RDD-0461	5495023	247063	0.8	0.5	-3	65.18	10
416	98RDD-0462	5494325	247166	0.5	-0.3	-3	41.74	10
417	98RDD-0463	5493301	248287	1.1	0.6	-3	31.29	10
419	98RDD-0465	5491797	247243	1.1	0.5	-3	31.52	10
420	98RDD-0466	5491039	247240	1.5	0.5	-3	36.67	10
421	98RDD-0467	5491377	248106	0.6	0.4	-3	41.76	10
422	98RDD-0468	5491449	248958	1.1	0.6	-3	30.79	10
423	98RDD-0469	5490804	249472	1.0	0.5	-3	52.52	10
424	98RDD-0471	5490067	252464	2.1	0.8	-3	33.36	10
425	98RDD-0472	5490336	253231	4.3	0.7	-3	33.88	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
426	98RDD-0473	5489873	256196	1.1	0.7	-3	41.32	10
427	98RDD-0474	5489728	258481	1.4	0.4	-3	68.24	10
428	98RDD-0475	5489317	260695	1.4	0.8	-3	36.27	10
429	98RDD-0476	5489451	262719	-0.3	0.4	-3	48.62	10
430	98RDD-0477	5489022	266605	1.9	0.6	-3	48.15	10
431	98RDD-0478	5489330	268397	1.7	0.6	-3	53.63	10
432	98RDD-0479	5489959	270658	0.7	0.3	-3	78.29	10
433	98RDD-0481	5491409	271906	4.3	1.5	-3	39.46	10
434	98RDD-0482	5493395	274490	3.4	1.1	-3	59.30	10
435	98RDD-0483	5493674	275023	3.2	1.1	-3	44.25	10
436	98RDD-0484	5495268	277911	0.9	0.8	-3	62.31	10
437	98RDD-0485	5496499	279188	-0.3	0.5	-3	10.98	10
438	98RDD-0486	5497440	281017	1.7	0.7	-3	63.16	10
439	98RDD-0487	5497280	283857	1.0	0.7	-3	32.42	10
440	98RDD-0488	5498229	287918	3.9	0.6	-3	47.26	10
441	98RDD-0489	5498717	288112	0.6	0.6	-3	63.87	10
442	98RDD-0491	5498349	292480	5.6	1.4	-3	69.95	10
443	98RDD-0492	5498515	292717	6.2	-0.6	15	44.18	5.04
444	98RDD-0493	5498149	296806	1.7	0.6	-3	60.59	10
445	98RDD-0494	5499014	298131	2.5	0.8	-3	41.54	10
446	98RDD-0495	5499291	299372	1.7	-0.3	-3	34.11	10
447	98RDD-0496	5496583	299507	3.8	1.3	-3	50.40	10
448	98RDD-0497	5496715	295081	2.8	0.8	-3	48.27	10
449	98RDD-0498	5499749	293536	6.3	1.7	-3	63.01	10
450	98RDD-0499	5501098	293439	1.7	0.7	-3	36.28	10
451	98RDD-0501	5501803	293729	2.9	0.9	-3	52.17	10
453	98RDD-0503	5500517	291173	0.7	0.4	-3	48.29	10
454	98RDD-0504	5501346	289084	1.1	1.0	-3	46.50	10
455	98RDD-0505	5499897	288566	0.8	0.6	-3	54.93	10
456	98RDD-0506	5499859	288270	2.3	0.8	-3	55.52	10
457	98RDD-0507	5500017	287927	1.1	0.6	-3	43.98	10
458	98RDD-0508	5498503	286611	1.1	0.6	-3	41.38	10
459	98RDD-0509	5498807	281481	-0.3	0.7	-3	20.91	10
460	98RDD-0511	5500430	280098	0.8	0.4	-3	66.17	10
461	98RDD-0512	5500869	280545	5.3	1.1	-3	58.66	10
462	98RDD-0513	5500854	280228	0.6	-0.3	-3	50.15	10
463	98RDD-0514	5501628	278574	1.3	0.5	-3	42.34	10
465	98RDD-0516	5502649	277619	0.5	0.5	-3	57.88	8.94
467	98RDD-0518	5502119	277351	0.5	1.7	-3	31.27	10
469	98RDD-0521	5501062	276890	0.7	0.5	-3	65.29	10
471	98RDD-0523	5500125	277268	-0.3	-0.3	-3	30.12	10
472	98RDD-0524	5500311	276321	1.3	-0.9	-9	52.35	3.22
473	98RDD-0525	5499447	276263	-0.5	-0.5	-5	34.99	5.67
474	98RDD-0526	5499559	273411	4.0	0.7	-3	62.59	10
475	98RDD-0527	5499513	271811	0.5	-0.3	-3	26.63	10
476	98RDD-0528	5498897	271514	0.4	0.3	-3	36.95	10
478	98RDD-0531	5498683	270015	1.1	0.8	-3	40.91	10
479	98RDD-0532	5499595	270608	1.0	0.6	-3	42.82	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
480	98RDD-0533	5499357	269231	-0.9	-0.9	-9	69.26	3.16
481	98RDD-0534	5498769	267618	2.0	1.2	-3	43.84	10
482	98RDD-0535	5498330	267053	1.2	0.8	12	48.72	10
483	98RDD-0536	5499306	266429	-0.6	-0.6	-6	77.44	5.18
484	98RDD-0537	5499589	266501	-0.9	-0.9	-9	63.01	3.37
486	98RDD-0539	5499675	265001	-0.5	-0.5	-5	85.55	6.41
487	98RDD-0541	5499500	263814	-0.8	-0.8	-8	52.96	3.68
488	98RDD-0542	5499219	264056	0.6	-0.3	-3	44.28	10
489	98RDD-0543	5497983	264552	1.4	0.7	-3	36.09	10
490	98RDD-0544	5498943	262409	1.4	0.9	-3	50.12	10
491	98RDD-0545	5499299	262294	-0.6	-0.6	-6	68.87	5.06
492	98RDD-0546	5499416	261763	4.2	1.4	-3	44.90	10
493	98RDD-0547	5499192	261003	2.2	1.1	-3	36.99	10
494	98RDD-0548	5498662	261344	2.1	1.3	48	40.82	10
495	98RDD-0549	5497772	261222	1.5	0.9	-3	41.10	10
496	98RDD-0551	5497504	260062	2.9	1.3	-3	54.94	10
497	98RDD-0552	5497693	259179	2.3	1.1	-3	43.76	10
499	98RDD-0554	5499583	257409	1.9	1.2	-3	27.59	10
500	98RDD-0555	5500073	256767	1.6	-1.3	-13	62.86	2.39
502	98RDD-0557	5498413	256408	1.4	-0.5	-5	54.81	6.27
503	98RDD-0558	5498250	256762	-1.0	-1.0	-10	53.67	2.9
505	98RDD-0561	5498310	257274	1.3	-1.2	-12	58.55	2.45
506	98RDD-0562	5497960	257174	4.6	1.0	3	51.28	10
507	98RDD-0563	5497700	256810	2.1	0.9	-6	52.81	5.02
508	98RDD-0564	5497317	256088	5.2	1.4	-9	64.38	3.24
510	98RDD-0566	5497309	255707	-0.9	-0.9	-9	82.20	3.22
511	98RDD-0567	5497778	255839	0.7	0.5	-3	55.85	10
512	98RDD-0568	5497397	255277	0.7	-0.4	-4	70.52	7.33
513	98RDD-0569	5497607	254791	-0.3	0.5	-3	34.04	10
514	98RDD-0571	5496928	254879	1.4	0.8	-3	33.00	10
515	98RDD-0572	5497036	253874	0.7	-0.4	-4	64.02	7.38
516	98RDD-0573	5496742	253473	0.9	0.7	-3	45.59	10
517	98RDD-0574	5496331	253272	2.4	0.8	-3	49.78	10
518	98RDD-0575	5495422	254117	0.6	0.4	-3	42.57	9.13
519	98RDD-0576	5495655	254999	2.3	1.3	-3	30.74	10
520	98RDD-0577	5494780	254565	0.7	-0.5	-5	73.32	5.75
521	98RDD-0578	5494410	255295	-0.7	-0.7	-7	74.91	4.18
522	98RDD-0579	5494000	255267	1.3	-0.5	-5	65.79	6.57
523	98RDD-0581	5493713	255017	0.8	0.7	-3	48.84	10
524	98RDD-0582	5493155	254918	0.8	0.6	-3	51.22	10
526	98RDD-0584	5492232	253990	0.8	0.6	-3	62.97	10
527	98RDD-0585	5492213	253650	-1.2	-1.2	-12	65.38	2.41
529	98RDD-0587	5492023	252120	-0.3	0.5	-3	57.25	10
531	98RDD-0589	5491755	251336	-0.3	0.6	-3	67.35	10
532	98RDD-0591	5492145	251155	2.5	0.6	-3	49.04	8.85
533	98RDD-0592	5492555	250563	0.4	0.7	-3	38.87	10
534	98RDD-0593	5490824	252982	-0.3	0.4	-3	30.13	10
536	98RDD-0595	5491326	254275	2.8	0.7	-6	54.16	5.09

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
538	98RDD-0597	5491890	257699	1.6	1.0	-3	43.68	10
539	98RDD-0598	5491522	259746	2.2	1.1	-3	30.93	10
540	98RDD-0599	5492205	262075	-0.3	0.5	-3	51.44	10
541	98RDD-0601	5493486	267166	1.0	0.8	-3	20.26	10
542	98RDD-0602	5493492	267143	1.1	0.6	-3	40.90	10
543	98RDD-0603	5493248	270416	1.5	0.9	5	41.11	10
544	98RDD-0604	5493617	271103	2.7	1.2	-3	25.99	10
545	98RDD-0605	5493494	272518	1.1	0.7	-4	49.76	7.2
546	98RDD-0606	5493533	274295	2.3	-0.7	-7	72.98	4.1
547	98RDD-0607	5495430	277372	1.1	0.9	-3	62.82	10
548	98RDD-0608	5495682	278810	3.0	1.0	-3	30.73	10
549	98RDD-0609	5494769	282496	0.4	-0.3	-3	40.19	10
550	98RDD-0611	5495724	286590	2.0	0.8	-3	49.51	10
552	98RDD-0613	5496834	292111	2.4	1.5	-3	32.83	10
553	98RDD-0614	5496480	292383	0.8	0.7	-3	69.10	10
554	98RDD-0615	5496556	298320	4.5	1.3	-5	51.01	6.41
555	98RDD-0616	5497293	303531	1.4	1.0	-3	37.48	10
557	98RDD-0618	5490314	302860	0.8	1.1	-3	15.57	10
559	98RDD-0621	5490137	303870	6.0	1.3	-6	67.51	5.04
560	98RDD-0622	5490321	304899	6.5	2.3	-3	55.67	10
561	98RDD-0623	5490771	306266	2.0	1.8	-3	12.52	10
567	98RDD-0629	5499402	319021	-0.3	0.7	-3	23.11	10
568	98RDD-0631	5500829	318961	5.0	1.0	-3	68.30	10
569	98RDD-0632	5501026	318209	1.6	1.3	-3	57.04	10
570	98RDD-0633	5501715	318430	1.3	0.7	-3	60.42	10
571	98RDD-0634	5502267	318169	0.4	0.9	-3	25.69	10
573	98RDD-0636	5503246	319286	2.0	1.1	-3	49.64	10
574	98RDD-0637	5503487	319225	0.4	1.0	-3	41.09	10
575	98RDD-0638	5499938	315096	-0.3	0.7	-3	52.51	10
577	98RDD-0641	5499124	316978	3.0	1.6	-3	67.84	10
578	98RDD-0642	5495518	317822	5.3	2.0	-3	48.55	10
579	98RDD-0643	5496944	316233	3.9	1.0	-3	57.29	10
581	98RDD-0645	5498264	310995	2.5	1.6	-3	18.44	10
584	98RDD-0648	5498751	309701	4.5	1.4	-3	48.97	10
586	98RDD-0651	5496304	302528	1.9	0.8	-3	44.22	10
587	98RDD-0652	5500419	294988	2.8	0.7	-3	36.26	10
588	98RDD-0653	5499231	293369	-0.3	-0.3	-3	67.84	10
589	98RDD-0654	5499400	292687	2.2	0.8	-3	56.81	10
590	98RDD-0655	5498616	292433	5.3	1.1	-3	58.55	10
591	98RDD-0656	5499301	290145	4.1	1.1	-3	61.68	10
592	98RDD-0657	5498861	287862	3.2	1.1	-3	49.42	10
593	98RDD-0658	5497384	287270	1.2	0.8	-3	60.64	10
594	98RDD-0659	5497684	286870	4.3	1.7	-3	60.96	10
595	98RDD-0661	5497807	286417	2.7	1.2	-3	35.50	10
596	98RDD-0662	5496793	285892	1.5	0.7	-3	49.13	10
597	98RDD-0663	5495878	283727	0.4	0.6	-3	55.79	10
598	98RDD-0664	5498146	281162	-0.3	-0.3	-3	45.28	10
599	98RDD-0665	5497271	280324	0.9	0.3	-3	78.69	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
600	98RDD-0666	5499730	279691	-0.3	-0.3	-3	39.31	10
601	98RDD-0667	5499999	278813	2.0	0.8	-3	61.01	10
602	98RDD-0668	5499601	278725	0.5	0.5	-3	52.77	10
603	98RDD-0669	5498276	276934	-0.3	0.5	-3	36.33	10
604	98RDD-0671	5498953	275834	3.0	0.7	-3	37.25	10
605	98RDD-0672	5498319	275214	0.7	0.5	-3	60.04	10
606	98RDD-0673	5498774	274485	-0.3	-0.3	-3	68.93	10
607	98RDD-0674	5498994	273832	2.4	1.1	-3	34.77	10
608	98RDD-0675	5498747	273209	0.7	0.7	-3	57.87	10
610	98RDD-0677	5496549	270160	1.5	0.7	-3	36.71	10
612	98RDD-0679	5495680	269519	0.9	0.5	-3	60.07	10
613	98RDD-0681	5495908	268088	1.4	0.8	-3	38.92	10
614	98RDD-0682	5496178	266343	1.2	0.5	-3	42.14	10
615	98RDD-0683	5495260	264364	0.8	0.6	-3	51.62	10
616	98RDD-0684	5495592	263546	0.5	0.6	-3	33.32	10
617	98RDD-0685	5495570	262612	0.6	0.4	-3	37.59	10
618	98RDD-0686	5495016	262319	0.9	0.7	-3	34.73	10
619	98RDD-0687	5494023	261623	0.4	0.6	-3	50.82	10
620	98RDD-0688	5494228	260986	1.0	0.7	-3	58.80	10
622	98RDD-0691	5495443	260656	1.9	-0.8	-8	70.16	3.98
624	98RDD-0693	5495549	261243	0.9	0.4	-3	79.34	10
625	98RDD-0694	5496299	261641	1.2	0.7	-3	44.56	10
626	98RDD-0695	5496527	260855	0.8	0.5	-3	63.76	10
627	98RDD-0696	5496105	259847	1.8	0.7	-3	49.95	10
628	98RDD-0697	5497021	259077	2.4	0.8	-3	65.93	10
629	98RDD-0698	5495797	258989	2.7	0.6	-3	42.10	10
630	98RDD-0699	5495373	259334	1.0	0.5	-3	36.11	10
631	98RDD-0701	5494799	259087	1.0	0.5	-3	27.96	10
632	98RDD-0702	5494726	258449	0.6	0.8	-3	38.73	10
633	98RDD-0703	5494818	258021	0.7	-0.3	-3	38.63	10
634	98RDD-0704	5495374	257568	0.7	0.5	-3	40.74	10
635	98RDD-0705	5495728	257425	0.6	0.4	-3	34.38	10
636	98RDD-0706	5495351	256696	-0.3	0.3	-3	76.36	10
637	98RDD-0707	5496206	257140	1.0	0.5	-3	60.57	10
638	98RDD-0708	5496482	256882	0.4	0.6	-3	68.57	10
639	98RDD-0709	5496266	256252	1.6	0.9	-3	42.89	10
640	98RDD-0711	5495501	256204	0.8	1.1	-3	65.81	10
641	98RDD-0712	5495127	255878	3.0	1.4	-3	40.57	10
642	98RDD-0713	5494672	255657	5.9	1.9	-3	46.90	10
643	98RDD-0714	5494560	256504	0.3	-0.3	-3	47.94	10
644	98RDD-0715	5493425	256506	0.9	0.5	-3	60.29	10
645	98RDD-0716	5493484	257184	0.6	0.5	-3	48.14	10
646	98RDD-0717	5492497	257873	0.6	0.6	-3	51.86	10
647	98RDD-0718	5492501	256140	0.5	0.6	-3	45.50	10
648	98RDD-0719	5492723	255184	-0.3	0.7	-3	67.46	10
649	98RDD-0721	5492821	255066	1.7	0.8	-3	76.42	10
650	98RDD-0722	5492363	254990	1.7	0.8	-3	33.53	10
651	98RDD-0723	5492183	255163	0.5	-0.3	-3	66.04	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
652	98RDD-0724	5491513	255134	1.7	0.8	-3	38.41	10
653	98RDD-0725	5490797	254134	-1.4	-1.4	-14	65.55	2.08
654	98RDD-0726	5489890	253209	2.8	1.1	-3	29.70	10
655	98RDD-0727	5489299	253316	1.5	0.5	-3	75.42	10
656	98RDD-0728	5489200	252750	0.4	0.5	-3	73.85	10
657	98RDD-0729	5489535	250666	1.5	0.9	-3	32.85	10
658	98RDD-0731	5490225	247444	1.5	1.1	-3	26.51	10
659	98RDD-0732	5489146	248413	1.6	0.7	-3	29.95	10
660	98RDD-0733	5488613	251124	1.5	1.0	-3	30.54	10
661	98RDD-0734	5488835	252348	0.7	0.4	-3	57.90	10
663	98RDD-0736	5488865	254890	0.7	0.6	12	32.26	10
664	98RDD-0737	5489287	256839	0.6	0.5	-3	46.07	10
666	98RDD-0739	5490331	258594	1.8	0.9	-3	57.72	10
668	98RDD-0742	5493246	259361	3.6	1.4	-3	40.22	10
669	98RDD-0743	5492653	261418	0.9	0.8	-3	49.60	10
670	98RDD-0744	5493440	261867	1.2	0.8	-3	44.02	10
671	98RDD-0745	5492860	262459	-0.3	0.4	-3	37.21	10
672	98RDD-0746	5493952	263801	0.5	0.5	-3	37.67	10
673	98RDD-0747	5494215	266675	1.9	0.8	-3	46.79	10
674	98RDD-0748	5494781	267181	1.1	0.6	-3	39.12	10
675	98RDD-0749	5494197	267910	-0.3	0.4	-3	51.94	10
677	98RDD-0752	5494650	272862	3.1	0.9	-3	64.94	10
678	98RDD-0753	5494154	273137	4.8	3.3	-3	50.34	10
679	98RDD-0754	5495266	273795	1.0	0.6	-3	53.17	10
680	98RDD-0755	5496549	274130	1.5	0.6	-3	73.68	10
681	98RDD-0756	5496755	274584	1.5	0.4	-3	58.52	10
682	98RDD-0757	5497265	274776	-0.3	0.6	-3	74.89	10
683	98RDD-0758	5495569	278023	-0.3	0.6	-3	20.41	10
685	98RDD-0761	5493899	282841	-0.3	-0.3	-3	87.18	9.38
686	98RDD-0762	5493718	282912	0.5	0.6	-3	81.70	10
687	98RDD-0763	5494449	284016	0.7	0.6	-3	65.80	10
688	98RDD-0764	5496550	286501	2.2	0.7	-3	50.44	10
689	98RDD-0765	5496942	287512	1.3	0.5	-3	43.20	10
690	98RDD-0766	5497083	288605	0.6	-0.3	-3	48.31	10
691	98RDD-0767	5496581	291610	1.0	0.6	-3	27.35	10
692	98RDD-0768	5496162	292422	0.9	0.6	-3	77.90	10
693	98RDD-0769	5494793	296608	2.2	0.5	-5	74.30	6.52
694	98RDD-0771	5494336	300264	2.2	1.0	-3	40.29	10
695	98RDD-0772	5496452	304077	1.3	0.6	-3	59.17	10
696	98RDD-0773	5495176	304945	1.1	0.6	-3	58.10	10
697	98RDD-0774	5492781	301648	4.8	1.8	-3	43.98	10
698	98RDD-0775	5489226	298144	3.9	1.2	-3	54.31	10
699	98RDD-0776	5489125	289669	1.3	1.2	-3	35.53	10
700	98RDD-0777	5489938	282364	1.9	1.3	-3	15.81	10
701	98RDD-0778	5490096	279287	1.3	0.5	-3	41.76	10
702	98RDD-0779	5490250	277207	2.5	1.2	-3	51.02	10
703	98RDD-0781	5490677	275407	1.9	1.5	-3	42.59	10
704	98RDD-0782	5490543	271697	3.6	1.2	-3	46.77	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
705	98RDD-0783	5490671	270638	0.5	0.5	-3	76.71	10
706	98RDD-0784	5491123	268800	1.6	0.9	-3	59.23	10
707	98RDD-0785	5489216	267606	1.3	0.8	-3	66.30	10
708	98RDD-0786	5489855	267028	1.9	0.6	-3	48.35	10
709	98RDD-0787	5489142	265312	0.7	0.4	-3	41.23	10
710	98RDD-0788	5492090	264920	0.6	0.5	-3	32.30	10
711	98RDD-0789	5491541	263788	1.0	0.8	-3	24.97	10
713	98RDD-0792	5488564	260148	1.1	0.6	-3	35.07	10
714	98RDD-0793	5488732	259587	0.8	0.5	-3	37.84	10
715	98RDD-0794	5490183	259981	1.3	0.9	-3	24.22	10
716	98RDD-0795	5489422	258930	2.2	0.6	-3	60.71	10
717	98RDD-0796	5488706	258195	1.0	0.4	-3	45.54	10
718	98RDD-0797	5487824	258584	0.4	0.5	-3	73.17	10
719	98RDD-0798	5488064	257701	1.1	0.5	-3	35.91	10
720	98RDD-0799	5487131	257982	1.9	1.0	-3	36.74	10
721	98RDD-0801	5485791	258358	1.3	0.9	-3	31.26	10
722	98RDD-0802	5486747	255913	0.8	-0.3	-3	57.98	10
723	98RDD-0803	5486179	252996	2.0	1.1	-3	33.46	10
724	98RDD-0804	5486102	252241	1.3	0.7	-3	25.42	10
725	98RDD-0805	5488307	252793	2.0	0.9	-3	63.61	10
727	98RDD-0807	5488376	250704	1.6	0.6	-3	29.60	10
728	98RDD-0808	5488344	249833	0.7	0.5	-3	15.09	10
729	98RDD-0809	5488072	249060	1.3	0.6	-3	41.51	10
730	98RDD-0811	5486933	250222	0.8	0.5	-3	25.38	10
731	98RDD-0812	5487129	249781	0.7	0.5	-3	42.39	10
732	98RDD-0813	5487142	249038	0.8	0.6	-3	36.42	10
733	98RDD-0814	5487513	247941	0.9	0.6	-3	40.97	10
734	98RDD-0815	5488306	246910	0.9	0.7	-3	50.63	10
735	98RDD-0816	5486639	246994	1.0	0.7	-3	31.54	10
736	98RDD-0817	5485925	246743	1.1	0.8	-3	44.16	10
737	98RDD-0818	5484003	248082	2.8	1.1	-3	42.40	10
738	98RDD-0819	5484304	248761	1.1	0.5	-3	50.61	10
739	98RDD-0821	5484595	248909	0.5	0.4	-3	83.79	10
740	98RDD-0822	5484390	249240	0.7	0.7	-3	52.54	10
741	98RDD-0823	5484799	249999	2.0	0.8	-3	63.30	10
742	98RDD-0824	5485583	250943	0.9	0.7	-3	43.85	10
743	98RDD-0825	5484070	252470	2.2	1.1	-3	38.74	10
744	98RDD-0823	5483323	251951	1.3	0.7	-3	27.09	10
745	98RDD-0827	5482088	250443	0.4	0.3	-3	59.40	10
746	98RDD-0828	5481511	251007	0.6	0.7	-3	26.34	10
747	98RDD-0829	5480280	250781	3.0	0.7	-3	63.31	10
748	98RDD-0831	5480079	249433	1.3	0.5	-3	57.36	10
749	98RDD-0832	5481051	248184	0.8	-0.3	-3	34.78	10
750	98RDD-0833	5482057	247700	1.7	0.7	-3	36.79	10
752	98RDD-0835	5481240	246551	2.0	1.2	-3	34.03	10
753	98RDD-0836	5479877	247406	-0.3	-0.3	-3	30.33	10
754	98RDD-0837	5479610	247935	1.1	0.5	-3	69.40	10
755	98RDD-0838	5479413	248522	1.6	0.6	-3	56.07	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
756	98RDD-0839	5478942	249049	0.9	0.3	-3	60.52	10
757	98RDD-0841	5478230	248861	0.8	-0.3	-3	59.61	10
758	98RDD-0842	5478056	248186	0.9	0.8	-3	63.59	10
759	98RDD-0843	5476568	247270	1.0	0.6	-3	43.39	10
760	98RDD-0844	5477288	248063	1.6	0.8	-3	41.38	10
761	98RDD-0845	5477291	250770	2.2	1.0	-3	38.05	10
762	98RDD-0846	5477789	251708	1.1	0.8	-3	69.28	10
763	98RDD-0847	5477773	251983	0.8	0.7	-3	56.62	10
764	98RDD-0848	5479208	252492	0.3	0.6	-3	56.27	10
765	98RDD-0849	5478779	251193	1.5	0.8	-3	38.83	10
766	98RDD-0851	5479638	250703	1.5	0.7	-3	66.14	10
767	98RDD-0852	5479949	251483	2.9	1.2	-3	60.17	10
768	98RDD-0853	5481178	251897	2.5	1.1	-3	51.99	10
769	98RDD-0854	5481624	251655	1.4	0.4	-3	58.35	10
770	98RDD-0855	5482912	253220	0.8	0.6	-3	13.99	10
771	98RDD-0856	5483592	253603	1.1	0.6	-3	38.66	10
772	98RDD-0857	5483352	255235	2.3	0.9	-3	23.85	10
773	98RDD-0858	5484148	255903	2.4	1.0	4	27.72	10
774	98RDD-0859	5484275	257469	9.5	2.1	-3	55.73	10
776	98RDD-0862	5485292	259845	2.4	1.0	-3	34.32	10
777	98RDD-0863	5486267	259664	1.0	0.8	-3	36.04	10
778	98RDD-0864	5487121	259514	1.2	0.9	-3	32.91	10
779	98RDD-0865	5488007	260075	1.1	0.6	-3	38.82	10
780	98RDD-0866	5487456	261377	1.0	1.0	-3	27.09	10
781	98RDD-0867	5487601	263251	0.9	0.9	-3	23.69	10
782	98RDD-0868	5487538	266693	2.0	0.9	-3	64.72	10
783	98RDD-0869	5486894	267202	1.5	0.8	-3	58.25	10
784	98RDD-0871	5487400	267699	-0.3	0.4	-3	66.94	10
785	98RDD-0872	5487504	268304	0.7	0.6	-3	55.25	10
786	98RDD-0873	5488166	268279	0.7	0.8	-3	36.12	10
787	98RDD-0874	5488967	269572	0.7	-0.3	-3	34.26	10
788	98RDD-0875	5489161	270438	8.0	2.2	-3	45.38	10
789	98RDD-0876	5488972	273725	1.2	0.4	-3	46.64	10
790	98RDD-0877	5489347	273735	1.6	0.8	-3	42.70	10
791	98RDD-0878	5490101	278281	1.7	1.0	-3	45.46	10
792	98RDD-0879	5490223	279649	1.6	0.8	-3	40.88	10
793	98RDD-0881	5490982	279914	0.6	1.0	-3	28.43	10
794	98RDD-0882	5495372	290822	1.6	0.7	-3	34.99	10
795	98RDD-0883	5496046	291217	2.0	1.0	-3	50.08	10
796	98RDD-0884	5495677	302055	1.3	0.5	-3	39.68	10
797	98RDD-0885	5494936	304321	1.3	0.9	-3	67.05	10
798	98RDD-0886	5493483	300207	2.1	1.1	-3	43.00	10
799	98RDD-0887	5494890	291360	3.8	0.7	-5	60.66	5.94
800	98RDD-0888	5494893	291190	0.7	0.6	-3	68.47	10
801	98RDD-0889	5495484	291353	5.7	2.0	-3	63.09	10
802	98RDD-0891	5491989	283877	1.8	1.2	-3	23.23	10
803	98RDD-0892	5492731	281563	2.6	0.8	-3	60.43	10
804	98RDD-0893	5492553	281368	1.6	0.5	-3	39.83	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
805	98RDD-0894	5492180	280361	1.8	0.8	-3	46.75	10
806	98RDD-0895	5491733	280082	2.0	0.9	-3	48.35	10
807	98RDD-0896	5491398	277860	0.5	0.4	-3	36.05	10
808	98RDD-0897	5490366	276599	2.3	1.2	-3	48.90	10
809	98RDD-0898	5490490	276254	0.8	0.5	-3	66.41	10
810	98RDD-0899	5491283	276303	1.4	0.8	-3	53.12	10
811	98RDD-0901	5494327	276137	-0.7	-0.7	-7	55.81	4.27
812	98RDD-0902	5493906	275164	1.1	0.7	-3	54.86	10
813	98RDD-0903	5494553	274787	0.6	0.5	-3	27.57	10
814	98RDD-0904	5494266	274579	0.4	0.6	-3	16.97	10
815	98RDD-0905	5493646	274001	4.9	1.0	-3	43.35	10
816	98RDD-0906	5492913	271936	1.9	0.5	-3	44.78	10
817	98RDD-0907	5493121	271900	1.6	0.8	-3	33.38	10
818	98RDD-0908	5492325	270652	0.5	0.3	-3	77.83	10
820	98RDD-0911	5491687	271360	1.1	0.5	-3	42.49	10
821	98RDD-0912	5490819	272415	1.4	0.7	-3	40.45	10
822	98RDD-0913	5490272	273037	-0.3	-0.3	-3	45.26	10
823	98RDD-0914	5489868	271561	0.4	0.8	-3	29.66	10
824	98RDD-0915	5489673	271381	1.0	0.6	-3	56.90	10
826	98RDD-0917	5490968	270732	2.4	-0.8	-8	74.85	3.66
827	98RDD-0918	5490517	270288	0.6	0.6	-3	61.67	10
828	98RDD-0919	5490111	269382	0.3	0.6	-3	25.88	10
829	98RDD-0921	5489549	269185	2.0	0.6	-3	33.57	10
830	98RDD-0922	5489459	269653	0.6	0.7	-3	71.23	10
831	98RDD-0923	5489750	269611	-0.6	-0.6	-6	16.19	5
832	98RDD-0924	5488035	269745	2.4	0.7	-3	30.50	10
833	98RDD-0925	5487965	270181	6.1	1.5	-3	43.68	10
834	98RDD-0926	5488410	273423	0.5	0.5	-3	53.07	10
835	98RDD-0927	5489837	274015	2.6	1.3	-3	30.22	10
836	98RDD-0928	5488395	274961	0.3	-0.3	-3	53.75	10
837	98RDD-0929	5489397	278684	1.1	0.5	-4	69.57	7.07
841	98RDD-0934	5490476	287519	1.6	0.7	-3	55.88	10
842	98RDD-0935	5492241	291612	25.3	2.7	-3	51.87	10
843	98RDD-0936	5492494	291701	14.5	2.5	-3	56.60	10
844	98RDD-0937	5492912	297148	2.2	0.8	-3	67.81	8.93
845	98RDD-0938	5494257	301792	0.8	0.5	-3	59.74	10
846	98RDD-0939	5491091	293058	0.5	0.6	-3	37.61	10
847	98RDD-0941	5491468	291217	0.7	0.6	-3	52.80	10
848	98RDD-0942	5490465	284574	-0.3	-0.3	-3	78.38	10
850	98RDD-0944	5486304	282981	1.0	0.6	-3	24.02	10
851	98RDD-0945	5486010	282123	2.0	0.7	-3	54.07	10
852	98RDD-0946	5482255	279754	0.4	0.7	-3	51.16	10
853	98RDD-0947	5480453	277163	2.0	0.8	-3	63.61	10
855	98RDD-0949	5478652	276024	2.9	1.2	-3	61.68	10
856	98RDD-0951	5477640	274237	2.7	1.3	-3	36.91	10
857	98RDD-0952	5476108	273342	1.6	1.0	-3	37.92	10
858	98RDD-0953	5475677	272302	2.0	1.2	-3	29.57	10
859	98RDD-0954	5474920	270888	-0.3	-0.3	-3	45.72	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 15	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
860	98RDD-0955	5475168	270688	0.4	0.3	-3	42.70	10
861	98RDD-0956	5474133	270515	0.6	0.6	-3	50.58	10
862	98RDD-0957	5473208	271158	2.3	1.1	-3	13.79	10
863	98RDD-0958	5472520	269966	1.4	1.1	-3	30.60	10
864	98RDD-0959	5473664	268910	1.4	1.0	-3	46.22	10
865	98RDD-0961	5471699	268272	2.0	1.2	-3	27.07	10
866	98RDD-0962	5470453	267548	0.8	0.6	-3	34.24	10
867	98RDD-0963	5470379	266966	2.9	1.6	-3	58.71	10
868	98RDD-0964	5469502	267250	3.5	1.7	-3	39.91	10
869	98RDD-0965	5468694	266526	2.3	1.0	-3	43.15	10
870	98RDD-0966	5468127	266396	4.0	1.2	-3	42.99	10
871	98RDD-0967	5468084	265540	1.3	0.6	-3	55.81	10
872	98RDD-0968	5467416	266008	4.3	1.8	-3	59.84	10
874	98RDD-0971	5466373	263855	0.5	0.8	-3	61.07	10
875	98RDD-0972	5467388	263512	1.3	0.9	-3	67.45	10
876	98RDD-0973	5468102	262451	2.0	0.9	-3	66.67	10
877	98RDD-0974	5468244	262217	4.8	1.2	-3	64.53	10
878	98RDD-0975	5468704	262252	1.1	1.0	-3	62.93	10
879	98RDD-0976	5467061	262664	1.4	0.9	-3	56.24	10
880	98RDD-0977	5466717	262826	2.1	1.2	-3	56.56	10
881	98RDD-0978	5466431	263183	6.3	1.6	-4	66.77	7.74
882	98RDD-0979	5465647	263264	3.0	1.4	-3	33.58	10
883	98RDD-0981	5464884	263219	10.6	2.4	-3	50.29	10
884	98RDD-0982	5464941	262787	9.3	1.9	-3	44.94	10
885	98RDD-0983	5465850	260992	1.3	1.1	-3	51.59	10
886	98RDD-0984	5464856	261458	8.7	1.7	-3	23.83	10
887	98RDD-0985	5464059	261250	-0.3	-0.3	-3	78.96	10
888	98RDD-0986	5464056	261515	12.9	2.1	-3	32.02	10
889	98RDD-0987	5463676	261952	15.4	2.6	-3	40.20	10
890	98RDD-0988	5463767	262567	5.9	1.2	-3	54.13	10
891	98RDD-0989	5463491	263005	6.6	1.0	-3	52.25	10
892	98RDD-0991	5463358	263351	1.4	0.3	-3	42.66	10
893	98RDD-0992	5463358	262374	-0.3	-0.3	-3	82.98	10
894	98RDD-0993	5462967	261652	-0.9	-0.9	-9	90.99	3.45
895	98RDD-0994	5462793	261513	-0.3	-0.3	-3	84.21	10
896	98RDD-0995	5462499	261395	-0.3	-0.3	-3	76.95	10
897	98RDD-0996	5462657	261868	2.7	1.2	-3	36.78	10
898	98RDD-0997	5462526	262741	6.0	0.8	-3	51.86	10
899	98RDD-0998	5462050	261840	-0.3	-0.3	-3	78.67	10
900	98RDD-0999	5461681	262058	10.6	1.6	-3	56.82	10
901	98RDD-1001	5461548	260712	0.6	0.4	-3	73.01	10
903	98RDD-1003	5461192	262809	1.6	0.8	-3	72.13	9.48
904	98RDD-1004	5461412	263563	1.3	1.0	-3	62.96	10
905	98RDD-1005	5461375	263749	0.3	0.5	-3	70.25	10
906	98RDD-1006	5464817	264218	0.9	0.7	-3	46.40	10
907	98RDD-1007	5465377	263901	-0.8	-0.8	-8	77.52	3.69
908	98RDD-1008	5465719	264094	1.2	0.7	-3	64.89	10
909	98RDD-1009	5467690	267260	0.5	0.9	-3	22.35	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
910	98RDD-1011	5468733	267971	4.4	1.3	-3	44.89	10
911	98RDD-1012	5470107	268635	0.5	-0.3	-3	46.22	10
912	98RDD-1013	5471606	270741	0.5	0.4	-3	46.44	10
913	98RDD-1014	5473589	272644	1.6	-0.5	-5	73.29	6.3
914	98RDD-1015	5475648	275070	1.0	0.4	-3	42.13	10
915	98RDD-1016	5478304	276435	2.7	0.9	-3	48.42	10
916	98RDD-1017	5482067	277740	1.7	0.6	-3	55.13	10
917	98RDD-1018	5486690	281033	2.2	1.1	-3	28.71	10
918	98RDD-1019	5487582	287012	1.4	0.4	-3	55.54	10
919	98RDD-1021	5487279	289375	0.7	0.5	-3	56.79	10
920	98RDD-1022	5491337	313798	1.5	0.6	-3	71.94	10
921	98RDD-1023	5491283	313291	1.8	0.8	-3	72.65	10
922	98RDD-1024	5491138	316263	1.6	1.1	-3	73.29	10
923	98RDD-1025	5490884	315754	7.0	1.9	-3	59.19	10
924	98RDD-1026	5490836	314587	9.3	2.0	4	53.59	10
925	98RDD-1027	5490270	313532	6.4	1.5	4	54.09	10
926	98RDD-1028	5490480	313230	5.6	0.9	-3	37.03	10
927	98RDD-1029	5490132	313163	4.0	1.0	-3	52.97	10
928	98RDD-1031	5488210	312338	2.3	0.9	-4	59.18	8.54
929	98RDD-1032	5487040	313750	4.3	-0.3	-3	85.54	10
932	98RDD-1035	5490808	326927	9.9	1.4	-3	27.25	10
933	98RDD-1036	5492397	329876	18.2	1.0	-3	61.84	10
934	98RDD-1037	5493814	327006	0.4	-0.3	-3	74.71	10
935	98RDD-1038	5495069	326342	0.6	0.4	-3	25.85	10
937	98RDD-1041	5494920	325387	2.1	0.6	-3	54.13	10
938	98RDD-1042	5494551	324984	3.9	0.6	-3	63.20	10
939	98RDD-1043	5493617	324312	7.6	1.5	-3	60.68	10
940	98RDD-1044	5497193	324043	-0.3	-0.3	-3	84.56	10
941	98RDD-1045	5496798	323813	-0.3	-0.3	-3	86.31	10
942	98RDD-1046	5492358	304317	0.8	-0.3	-3	43.93	10
943	98RDD-1047	5483987	295957	3.4	0.6	-3	50.77	10
944	98RDD-1048	5482558	292146	10.2	3.3	-3	49.38	10
945	98RDD-1049	5480929	289753	2.9	0.9	-3	27.09	10
946	98RDD-1051	5479334	287128	1.7	-0.3	-3	30.32	10
948	98RDD-1053	5478560	282391	1.0	0.3	-3	11.48	10
949	98RDD-1054	5478309	280656	5.0	0.6	-3	41.13	10
950	98RDD-1055	5477872	277977	0.9	0.6	3	35.24	10
951	98RDD-1056	5478458	276596	4.2	0.8	-3	33.76	10
952	98RDD-1057	5478345	274903	1.5	0.8	-3	33.43	10
953	98RDD-1058	5479029	273930	1.4	0.7	-3	57.31	10
954	98RDD-1059	5479600	272438	2.5	0.9	-3	40.18	10
955	98RDD-1061	5479661	271710	1.6	0.5	-3	57.02	10
956	98RDD-1062	5478214	269072	1.0	0.4	-3	50.82	10
957	98RDD-1063	5478136	266809	2.1	0.9	-3	46.58	10
958	98RDD-1064	5478411	265625	-0.5	-0.5	-5	77.93	5.46
959	98RDD-1065	5479252	264088	0.6	0.4	-3	45.97	10
960	98RDD-1066	5479681	263960	1.1	0.6	-3	51.26	10
961	98RDD-1067	5478532	262256	-0.3	-0.3	-3	57.35	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
962	98RDD-1068	5479009	260633	0.4	-0.3	-3	70.82	10
963	98RDD-1069	5478300	257425	1.6	0.6	-3	37.63	10
964	98RDD-1071	5477675	257088	1.6	0.8	-3	46.50	10
966	98RDD-1073	5476879	258043	1.2	0.7	-3	34.37	10
967	98RDD-1074	5475374	256359	1.8	0.6	-3	35.38	10
968	98RDD-1075	5474544	255353	1.2	0.5	-3	35.96	10
969	98RDD-1076	5473710	253641	1.1	-0.3	-3	33.08	10
970	98RDD-1077	5474205	250408	3.7	0.9	-3	56.52	10
971	98RDD-1078	5473783	249691	2.3	-1.0	-10	65.48	3.09
972	98RDD-1079	5473999	247276	0.5	0.3	-3	57.03	10
973	98RDD-1081	5474447	246997	-0.3	0.4	-3	36.75	10
975	98RDD-1083	5477239	245727	1.4	0.5	-3	43.09	10
976	98RDD-1084	5483294	245708	1.7	0.7	-3	61.71	10
979	98RDD-1087	5481807	245651	1.2	0.5	-3	44.46	10
981	98RDD-1089	5475221	248146	0.7	0.7	-3	46.88	10
983	98RDD-1092	5475680	253055	0.5	0.7	4	68.80	10
985	98RDD-1094	5476250	254503	1.2	0.8	-3	29.33	10
987	98RDD-1096	5479001	254896	1.5	1.0	-3	17.21	10
988	98RDD-1097	5479929	253606	0.8	0.5	-3	20.03	10
989	98RDD-1098	5480215	255090	2.0	0.9	-3	37.05	10
990	98RDD-1099	5481503	255501	1.7	1.1	-3	31.44	10
991	98RDD-1101	5481750	256578	2.1	1.0	-3	28.93	10
992	98RDD-1102	5479437	257090	0.7	0.4	-3	31.69	10
993	98RDD-1103	5479897	257762	0.7	0.6	-3	48.94	10
994	98RDD-1104	5481159	258436	1.9	0.7	-3	52.07	10
995	98RDD-1105	5482592	258111	0.9	0.6	-3	53.36	10
996	98RDD-1106	5482245	259453	1.5	0.7	-3	56.97	10
997	98RDD-1107	5483645	262153	-0.3	0.4	-3	34.60	10
998	98RDD-1108	5484242	262121	-0.3	0.5	-3	41.22	10
999	98RDD-1109	5485036	261548	0.9	0.7	-3	54.79	10
1001	98RDD-1111	5485460	261542	0.3	0.4	-3	35.29	10
1002	98RDD-1112	5485530	261876	0.4	0.5	-3	35.69	10
1003	98RDD-1113	5486226	263983	0.9	0.4	-3	46.18	10
1004	98RDD-1114	5486047	264570	0.8	1.1	-3	40.31	10
1005	98RDD-1115	5485376	264761	0.5	0.6	-3	52.39	10
1007	98RDD-1117	5484812	263555	0.5	0.5	-3	50.31	10
1008	98RDD-1118	5483242	263799	0.3	0.5	-3	63.49	10
1009	98RDD-1119	5482447	265155	0.9	0.7	-3	56.99	10
1010	98RDD-1121	5482742	266156	0.7	0.7	-3	64.66	10
1012	98RDD-1123	5484852	266331	7.6	0.5	-3	72.19	10
1013	98RDD-1124	5485094	265989	-0.3	0.5	-3	64.58	10
1014	98RDD-1125	5485096	267192	1.7	0.8	-3	63.68	10
1015	98RDD-1126	5485602	266896	0.8	0.7	-3	53.60	10
1016	98RDD-1127	5486464	267550	2.7	1.0	-3	71.92	10
1017	98RDD-1128	5486817	268184	1.2	0.4	-3	48.74	10
1018	98RDD-1129	5486336	268767	2.9	0.9	-3	53.68	10
1019	98RDD-1131	5487351	269168	4.7	1.2	-3	52.98	10
1020	98RDD-1132	5487574	270343	13.6	2.8	3	48.68	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
1022	98RDD-1134	5486652	271787	2.0	0.7	-3	39.08	10
1023	98RDD-1135	5487133	271873	2.3	1.0	-3	43.65	10
1024	98RDD-1136	5486679	274470	1.2	0.8	-3	41.26	10
1025	98RDD-1137	5486008	274265	1.0	0.7	-3	39.71	10
1026	98RDD-1138	5486476	278247	1.2	0.7	-3	44.81	10
1028	98RDD-1141	5486970	281905	5.4	2.0	-3	44.89	10
1029	98RDD-1142	5486272	285178	0.7	0.6	-3	40.41	10
1030	98RDD-1143	5486707	285527	1.2	0.7	-3	50.04	10
1031	98RDD-1144	5482984	290785	7.5	1.5	-3	64.58	10
1032	98RDD-1145	5488673	301188	1.7	0.5	-3	55.75	10
1033	98RDD-1146	5504174	301948	2.5	1.0	-3	23.10	10
1034	98RDD-1147	5506989	300959	0.6	-0.3	-3	39.46	10
1035	98RDD-1148	5507116	298786	0.5	-0.3	-3	64.96	10
1036	98RDD-1149	5507396	297040	0.8	0.6	-3	43.65	10
1037	98RDD-1151	5507095	296705	2.8	1.3	-3	51.25	10
1038	98RDD-1152	5503407	294276	1.9	0.9	-3	64.25	10
1039	98RDD-1153	5504284	294583	1.4	0.6	-3	44.10	10
1040	98RDD-1154	5505864	295013	2.0	1.0	-3	40.88	10
1041	98RDD-1155	5508362	295952	1.9	1.0	-3	23.80	10
1042	98RDD-1156	5508383	296319	0.3	-0.3	-3	33.40	10
1043	98RDD-1157	5509128	296674	2.4	0.8	-3	29.90	10
1044	98RDD-1158	5509962	296161	2.4	1.1	-3	32.62	10
1045	98RDD-1159	5509574	295233	6.1	1.8	-3	45.45	10
1047	98RDD-1162	5510601	296033	2.9	0.5	-3	57.28	10
1048	98RDD-1163	5510997	296040	1.3	0.6	-3	38.87	10
1049	98RDD-1164	5510826	296545	1.1	0.4	-3	42.43	10
1050	98RDD-1165	5511103	296901	2.6	0.7	-3	52.39	10
1051	98RDD-1166	5512948	296017	1.5	0.9	-3	49.72	10
1052	98RDD-1167	5514269	296337	1.5	1.0	-3	43.57	10
1053	98RDD-1168	5514929	296278	1.6	0.8	-3	46.82	10
1054	98RDD-1169	5515112	291985	1.1	0.5	-3	56.79	10
1055	98RDD-1171	5515900	290973	1.1	0.6	-3	43.06	10
1056	98RDD-1172	5516530	290212	0.4	0.5	-3	38.71	10
1057	98RDD-1173	5517006	289249	1.1	0.4	-3	40.18	10
1058	98RDD-1174	5517927	289526	0.5	-0.3	-3	50.91	10
1059	98RDD-1175	5518176	289096	-0.3	-0.3	-3	38.49	10
1060	98RDD-1176	5518272	288217	0.6	0.4	-3	37.61	10
1061	98RDD-1177	5517716	286977	0.6	0.5	-3	17.42	10
1062	98RDD-1178	5515683	286273	1.0	0.5	-3	40.44	10
1063	98RDD-1179	5515088	286026	1.3	0.8	-3	30.58	10
1064	98RDD-1181	5515412	284330	1.0	0.5	-3	38.36	10
1065	98RDD-1182	5516437	285326	1.4	0.5	-3	36.89	10
1066	98RDD-1183	5516522	284070	1.6	0.7	-3	28.81	10
1067	98RDD-1184	5517213	284771	1.5	0.5	-3	36.91	10
1068	98RDD-1185	5518292	285031	1.5	0.6	-3	38.12	10
1070	98RDD-1187	5519930	285896	2.5	0.9	-3	35.82	10
1071	98RDD-1188	5521282	286418	1.3	0.5	-3	36.14	10
1072	98RDD-1189	5521985	285624	4.5	1.3	-3	41.38	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
1073	98RDD-1191	5522905	286484	1.8	0.6	-3	39.88	10
1074	98RDD-1192	5523196	285114	1.0	0.3	-3	40.65	10
1075	98RDD-1193	5524078	286163	3.7	1.0	-3	38.06	10
1076	98RDD-1194	5524799	284738	7.6	1.4	-3	25.77	10
1078	98RDD-1196	5525732	284543	-0.3	-0.3	-3	21.94	10
1079	98RDD-1197	5526324	285806	3.1	1.1	-3	33.76	10
1080	98RDD-1198	5527202	285311	2.0	0.6	-3	38.77	10
1081	98RDD-1199	5527894	284744	0.7	-0.3	-3	35.53	10
1082	98RDD-1201	5528480	284771	1.9	0.6	-3	51.95	10
1083	98RDD-1202	5529469	284531	0.6	-0.3	-3	51.54	10
1084	98RDD-1203	5529895	285449	2.5	0.9	-3	38.73	10
1085	98RDD-1204	5530424	284572	0.6	-0.3	-3	37.26	10
1086	98RDD-1205	5530945	285623	0.5	0.3	-3	31.64	10
1087	98RDD-1206	5531509	284880	-0.3	0.4	-3	50.36	10
1088	98RDD-1207	5532108	285625	1.9	0.5	-3	38.89	10
1089	98RDD-1208	5531640	286158	1.1	0.6	-3	27.71	10
1090	98RDD-1209	5532329	286596	0.4	0.4	-3	31.23	10
1091	98RDD-1211	5533011	285247	1.1	0.3	-3	47.93	10
1092	98RDD-1212	5533688	285159	2.4	0.5	-3	40.69	10
1093	98RDD-1213	5534574	284976	2.5	0.5	-3	37.48	10
1094	98RDD-1214	5534345	286156	2.1	0.4	-3	39.49	10
1095	98RDD-1215	5535370	286067	2.5	0.7	-3	24.16	10
1097	98RDD-1217	5535241	286816	2.9	0.8	-3	30.38	10
1098	98RDD-1218	5536184	285813	3.1	0.8	-3	39.55	10
1099	98RDD-1219	5536551	286936	2.7	0.8	-3	44.57	10
1100	98RDD-1221	5535773	287390	3.5	0.7	-3	44.68	10
1101	98RDD-1222	5534584	287422	1.9	0.8	-3	31.84	10
1102	98RDD-1223	5533800	287925	1.0	0.7	-3	43.62	10
1103	98RDD-1224	5533127	288419	0.9	0.6	-3	36.03	10
1104	98RDD-1225	5531484	288186	0.9	0.6	-3	52.54	10
1105	98RDD-1226	5529704	287470	0.6	0.4	-3	46.41	10
1106	98RDD-1227	5529861	286967	-0.3	0.4	-3	38.72	10
1107	98RDD-1228	5528514	288163	1.0	0.5	-3	53.71	10
1108	98RDD-1229	5527791	287811	1.9	0.7	-3	68.10	10
1109	98RDD-1231	5527650	287635	0.5	0.4	-3	75.71	10
1110	98RDD-1232	5528416	286547	0.4	0.4	-3	29.92	10
1111	98RDD-1233	5528000	286007	1.5	0.7	-3	36.66	10
1112	98RDD-1234	5526584	287611	-0.3	0.3	-3	39.76	10
1113	98RDD-1235	5525853	286523	0.6	0.5	-3	34.58	10
1116	98RDD-1238	5524640	287726	0.7	0.5	-3	45.82	10
1117	98RDD-1239	5523268	288037	6.7	1.6	-3	52.47	10
1118	98RDD-1241	5522497	287462	2.9	1.2	-3	35.71	10
1119	98RDD-1242	5523004	288491	1.1	0.7	-3	51.14	10
1120	98RDD-1243	5522457	288989	1.3	0.4	-3	54.95	10
1121	98RDD-1244	5521329	288615	0.4	-0.3	-3	23.17	10
1124	98RDD-1247	5518943	290443	0.7	0.5	-3	44.71	10
1125	98RDD-1248	5519555	289577	1.1	0.7	-3	40.01	10
1126	98RDD-1249	5519532	287473	1.0	0.5	-3	19.04	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1127	98RDD-1251	5517204	287672	0.5	0.4	-3	38.52	10
1128	98RDD-1252	5515943	288074	0.7	0.5	-3	40.65	10
1129	98RDD-1253	5515614	289728	0.3	0.4	-3	35.55	10
1130	98RDD-1254	5517243	291141	0.8	0.5	-3	36.92	10
1131	98RDD-1255	5517105	292015	1.4	0.7	-3	50.33	10
1132	98RDD-1256	5518027	293242	1.5	0.7	-3	38.24	10
1133	98RDD-1257	5516672	296264	0.6	1.0	-3	48.40	10
1134	98RDD-1258	5514494	296905	1.9	0.9	-3	42.87	10
1135	98RDD-1259	5513238	296889	2.5	1.4	-3	73.79	10
1136	98RDD-1261	5511144	297483	2.2	1.2	-3	38.92	10
1137	98RDD-1262	5507858	299056	0.6	0.6	-3	64.19	10
1139	98RDD-1264	5489235	304089	4.2	0.8	-3	50.09	10
1141	98RDD-1266	5478639	292559	2.3	1.3	-3	34.73	10
1142	98RDD-1267	5477530	288599	2.9	1.0	-3	38.18	10
1143	98RDD-1268	5476061	283959	4.9	1.3	-3	40.66	10
1145	98RDD-1271	5471832	281575	1.0	0.9	-3	46.69	10
1146	98RDD-1272	5471402	280383	2.2	1.1	-3	43.69	10
1148	98RDD-1274	5468701	281613	1.7	-1.1	-11	65.10	2.61
1149	98RDD-1275	5467722	281862	2.7	0.8	-3	40.08	10
1150	98RDD-1276	5467872	280706	1.4	0.9	-3	58.22	10
1152	98RDD-1278	5467589	278483	2.0	-0.6	-6	72.70	5.05
1153	98RDD-1279	5467358	278079	1.2	0.9	-3	62.34	10
1154	98RDD-1281	5465271	278683	8.3	0.8	-3	25.83	10
1155	98RDD-1282	5465909	279326	22.6	1.7	-4	54.01	6.86
1156	98RDD-1283	5466542	281067	2.8	0.7	-6	77.52	5.32
1157	98RDD-1284	5465985	281047	0.9	-0.8	-8	69.84	3.65
1158	98RDD-1285	5464635	279708	1.3	1.4	-3	24.43	10
1159	98RDD-1286	5464568	279331	1.5	0.8	-3	74.68	8.72
1160	98RDD-1287	5464324	279584	-0.5	-0.5	-5	81.70	6.32
1161	98RDD-1288	5464219	279917	0.7	-0.5	-5	81.38	6.32
1162	98RDD-1289	5464300	280152	1.1	1.1	-3	59.90	10
1163	98RDD-1291	5463532	281013	4.3	1.6	-3	63.04	10
1164	98RDD-1292	5462542	281639	6.5	1.7	-3	61.18	10
1165	98RDD-1293	5460834	280751	1.1	0.7	-3	64.48	10
1166	98RDD-1294	5461927	279315	2.3	1.2	-3	39.57	10
1167	98RDD-1295	5460412	277494	2.9	1.2	-3	60.44	10
1168	98RDD-1296	5460081	276120	1.1	0.9	-3	50.57	10
1170	98RDD-1298	5463181	274734	2.7	1.3	-3	56.95	10
1171	98RDD-1299	5461754	273731	1.2	0.9	-3	46.32	10
1172	98RDD-1301	5460943	272779	1.5	1.1	-3	56.71	10
1173	98RDD-1302	5460057	270423	1.1	1.1	-3	62.42	10
1174	98RDD-1303	5459826	269524	3.7	1.0	-5	65.69	6.3
1176	98RDD-1305	5460747	266665	0.8	1.2	-3	45.53	10
1177	98RDD-1306	5461542	267813	2.0	1.1	-3	58.06	10
1178	98RDD-1307	5461996	266718	7.8	1.4	-3	57.70	10
1179	98RDD-1308	5461668	266191	1.5	1.2	-3	55.20	10
1180	98RDD-1309	5461658	265649	2.0	1.4	-3	60.28	10
1181	98RDD-1311	5460795	264478	7.9	1.5	-3	47.41	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1182	98RDD-1312	5460236	264013	9.5	1.8	-3	46.31	10
1183	98RDD-1313	5461337	263979	4.8	1.6	-3	53.94	10
1184	98RDD-1314	5461565	264544	2.3	0.7	-3	61.80	10
1185	98RDD-1315	5462701	264545	1.3	1.1	-3	55.64	10
1186	98RDD-1316	5464913	265175	1.4	0.8	-3	56.86	10
1187	98RDD-1317	5465061	265568	1.4	0.8	-3	70.51	10
1188	98RDD-1318	5465805	264950	0.8	0.6	-3	63.36	10
1189	98RDD-1319	5467464	268540	1.2	0.4	-3	60.33	10
1190	98RDD-1321	5468377	268534	1.3	0.7	-3	60.06	10
1191	98RDD-1322	5468294	267808	-0.6	-0.6	-6	82.59	5
1192	98RDD-1323	5469157	268120	2.2	0.7	-3	48.59	10
1193	98RDD-1324	5469745	268185	0.8	0.7	-3	68.93	10
1194	98RDD-1325	5471133	270401	1.1	0.8	-3	54.16	10
1195	98RDD-1326	5470234	270636	-0.3	0.6	-3	39.47	10
1196	98RDD-1327	5470436	271342	1.0	1.4	-3	57.54	10
1197	98RDD-1328	5470619	271377	1.0	0.6	-3	83.33	10
1198	98RDD-1329	5470788	271474	1.1	0.7	-3	58.97	10
1199	98RDD-1331	5472004	271597	0.7	0.6	-3	46.76	10
1200	98RDD-1332	5472187	272355	2.4	1.2	-3	59.65	10
1201	98RDD-1333	5471710	272556	0.6	0.3	-3	45.01	10
1203	98RDD-1335	5470322	271641	0.8	0.9	-3	34.57	10
1204	98RDD-1336	5469851	271267	2.9	1.4	-3	33.72	10
1205	98RDD-1337	5469644	270822	2.0	1.0	-3	41.73	10
1206	98RDD-1338	5468974	271165	2.2	1.5	-3	33.07	10
1207	98RDD-1339	5468123	270744	4.2	1.4	-3	31.51	10
1208	98RDD-1341	5467532	269670	2.0	0.8	-3	39.28	10
1209	98RDD-1342	5467320	270454	3.7	0.7	-3	47.23	10
1211	98RDD-1344	5465946	272000	0.5	0.9	-3	45.40	10
1212	98RDD-1345	5466944	273267	3.3	1.6	-3	43.19	10
1213	98RDD-1346	5466907	273500	0.4	0.6	-3	46.27	10
1214	98RDD-1347	5467201	274344	2.6	1.0	-3	38.64	10
1215	98RDD-1348	5465659	275299	4.3	1.2	-3	55.02	10
1216	98RDD-1349	5467207	275564	0.8	0.7	-3	64.51	10
1217	98RDD-1351	5468227	275873	6.2	1.9	-3	45.66	10
1218	98RDD-1352	5468014	274337	2.7	1.2	-3	46.57	10
1219	98RDD-1353	5468185	273697	4.4	1.7	-3	41.69	10
1221	98RDD-1355	5469702	273113	1.2	1.0	-3	51.28	10
1222	98RDD-1356	5470243	272914	0.5	0.5	-3	62.56	10
1223	98RDD-1357	5470199	274062	0.6	0.7	-3	56.20	10
1224	98RDD-1358	5470152	274467	1.1	0.6	-3	61.96	10
1225	98RDD-1359	5469252	275748	12.1	2.4	-3	45.24	10
1227	98RDD-1362	5469048	278245	8.7	1.7	-3	45.23	10
1228	98RDD-1363	5472953	279841	2.8	1.2	-3	49.98	10
1230	98RDD-1365	5481585	285355	2.4	1.2	-3	17.12	10
1231	98RDD-1366	5483420	288197	3.0	1.5	-3	29.30	10
1232	98RDD-1367	5499434	307694	1.9	0.7	-3	47.25	10
1233	98RDD-1368	5492831	306383	3.4	0.9	-3	58.14	10
1234	98RDD-1369	5483880	295158	3.0	1.0	-3	53.89	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1235	98RDD-1371	5484089	286107	2.1	1.8	-3	26.75	10
1236	98RDD-1372	5484715	281924	1.7	1.0	-3	46.81	10
1237	98RDD-1373	5485199	278327	1.8	1.1	-3	28.48	10
1238	98RDD-1374	5483825	277336	2.3	0.5	-3	52.90	10
1242	98RDD-1378	5484248	274050	0.8	0.6	-3	57.76	10
1243	98RDD-1379	5485922	272073	1.3	0.9	-3	29.90	10
1244	98RDD-1381	5486017	270984	2.1	1.0	-3	47.20	10
1245	98RDD-1382	5486030	269441	2.1	0.8	-3	55.12	10
1246	98RDD-1383	5485074	269945	2.1	1.0	-3	49.32	10
1247	98RDD-1384	5484580	269072	-0.5	-0.5	-5	78.44	5.72
1248	98RDD-1385	5485203	268744	0.8	1.0	-3	62.96	10
1249	98RDD-1386	5484546	268241	1.9	1.0	-3	51.89	10
1250	98RDD-1387	5483741	268011	0.4	0.8	-3	70.70	10
1251	98RDD-1388	5483302	268053	1.0	0.9	-3	60.65	10
1252	98RDD-1389	5482493	268081	7.8	2.2	-3	41.47	10
1253	98RDD-1391	5482897	268582	1.1	0.8	-3	56.88	10
1254	98RDD-1392	5482516	269063	3.8	1.2	-3	38.67	10
1255	98RDD-1393	5483581	269311	1.8	1.2	-3	36.13	10
1256	98RDD-1394	5483500	269624	1.7	0.8	-3	47.85	10
1257	98RDD-1395	5483123	270071	0.6	0.5	-3	41.94	10
1258	98RDD-1396	5483021	270965	0.3	0.4	-3	42.83	10
1259	98RDD-1397	5482229	271757	0.8	0.6	-3	69.45	10
1260	98RDD-1398	5481537	273112	2.5	1.3	-3	30.95	10
1261	98RDD-1399	5480875	272162	1.4	0.9	-5	67.92	5.52
1262	98RDD-1401	5479752	271967	0.9	0.8	-3	51.87	10
1265	98RDD-1404	5481980	268640	2.4	1.3	-3	38.16	10
1266	98RDD-1405	5481215	268131	0.9	0.5	-3	30.44	10
1268	98RDD-1407	5481162	267373	4.0	1.2	-3	31.61	10
1269	98RDD-1408	5481343	266885	13.6	4.5	-3	42.05	10
1270	98RDD-1409	5481899	266619	0.8	0.7	-3	68.53	10
1271	98RDD-1411	5481311	266112	1.8	0.8	-3	72.16	10
1272	98RDD-1412	5481340	265603	1.0	0.7	-3	55.72	10
1274	98RDD-1414	5480307	266480	0.9	0.6	-3	35.67	10
1275	98RDD-1415	5478775	268346	0.9	0.8	-3	57.77	10
1276	98RDD-1416	5477695	271211	2.0	1.0	-3	21.35	10
1277	98RDD-1417	5476996	272310	0.5	0.6	-3	47.36	10
1278	98RDD-1418	5476012	274871	0.8	0.4	-3	49.60	8.74
1279	98RDD-1419	5476371	275292	0.7	0.7	-3	62.35	10
1280	98RDD-1421	5476757	275078	2.6	0.7	-5	67.38	6.16
1281	98RDD-1422	5476498	275945	2.0	0.9	-3	56.69	10
1282	98RDD-1423	5477938	276273	6.7	2.2	-3	39.47	10
1283	98RDD-1424	5480848	274701	-1.1	-1.1	-11	67.19	2.68
1286	98RDD-1427	5481538	280163	1.7	1.0	-3	33.03	10
1287	98RDD-1428	5481344	280751	1.2	0.9	-3	41.78	10
1288	98RDD-1429	5481773	281791	1.4	1.4	-3	31.35	10
1289	98RDD-1431	5481149	282985	2.1	1.3	-3	37.19	10
1290	98RDD-1432	5482436	283367	3.4	1.5	-3	45.27	10
1291	98RDD-1433	5483113	284654	2.0	1.1	-3	35.28	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
1292	98RDD-1434	5481411	291264	18.3	2.0	-3	44.63	10
1293	98RDD-1435	5483459	292484	19.3	2.7	-3	43.38	10
1294	98RDD-1436	5488776	303406	2.6	1.9	-3	40.92	10
1296	98RDD-1438	5480887	295399	3.0	1.4	-3	30.43	10
1297	98RDD-1439	5480048	291609	3.4	0.9	-3	40.22	10
1298	98RDD-1441	5479830	290593	0.4	0.4	-3	54.61	10
1299	98RDD-1442	5480556	288625	4.5	1.6	-3	33.32	10
1300	98RDD-1443	5478160	287391	3.5	0.8	-3	46.36	10
1301	98RDD-1444	5476413	284368	0.7	0.6	-3	59.23	10
1302	98RDD-1445	5475799	282123	4.3	1.2	-3	90.11	10
1303	98RDD-1446	5478511	281260	2.8	1.0	-3	34.86	10
1304	98RDD-1447	5480455	282086	1.4	0.8	-3	36.51	10
1305	98RDD-1448	5480272	280067	1.8	1.2	-3	13.20	10
1306	98RDD-1449	5477456	280809	2.4	1.3	-3	17.00	10
1307	98RDD-1451	5475512	280177	4.6	1.4	-3	37.09	10
1308	98RDD-1452	5475034	278770	0.8	0.7	-3	59.00	10
1309	98RDD-1453	5472416	274692	1.0	0.6	-3	41.56	10
1310	98RDD-1454	5473303	273586	3.3	0.9	-3	64.36	10
1312	98RDD-1456	5473015	273029	2.0	0.6	-6	72.36	5.05
1313	98RDD-1457	5472905	272433	2.2	0.8	-3	76.29	10
1314	98RDD-1458	5473024	271975	0.8	0.7	-3	55.56	10
1315	98RDD-1459	5473868	272324	0.6	0.4	-3	50.41	10
1316	98RDD-1461	5474541	272244	0.6	0.5	-3	44.43	10
1317	98RDD-1462	5475693	269867	2.7	1.1	-3	33.28	10
1318	98RDD-1463	5475686	269065	3.5	1.0	-3	47.78	10
1319	98RDD-1464	5476003	268611	1.8	0.5	-3	43.49	10
1320	98RDD-1465	5475377	267520	3.7	1.1	-3	49.66	10
1321	98RDD-1466	5474782	268781	1.5	0.4	-3	47.72	10
1322	98RDD-1467	5473769	267222	4.3	1.6	-3	30.97	10
1323	98RDD-1468	5475526	266172	0.5	0.6	-3	62.32	10
1324	98RDD-1469	5475010	265586	2.3	1.1	-3	48.95	10
1325	98RDD-1471	5473807	264551	0.5	0.7	-3	70.62	10
1326	98RDD-1472	5473076	263540	0.6	0.4	-3	25.22	10
1327	98RDD-1473	5474628	264062	0.4	0.9	-3	87.42	10
1328	98RDD-1474	5476529	264610	4.1	1.5	-3	56.11	10
1329	98RDD-1475	5476867	265133	3.7	1.5	-3	45.49	10
1330	98RDD-1476	5476451	265912	1.3	0.6	-3	73.48	10
1331	98RDD-1477	5476377	266160	1.0	0.6	-3	54.78	10
1332	98RDD-1478	5477459	266669	0.7	0.8	-3	48.14	10
1333	98RDD-1479	5478362	266073	2.8	1.0	-3	64.91	10
1334	98RDD-1481	5477909	265665	4.9	1.7	-3	39.29	10
1335	98RDD-1482	5477802	264890	3.4	1.4	-3	63.57	10
1336	98RDD-1483	5479260	264737	1.2	0.8	-3	49.43	10
1337	98RDD-1484	5479803	265228	1.5	0.7	-3	57.74	10
1338	98RDD-1485	5479397	265976	0.7	0.4	-3	73.32	10
1339	98RDD-1486	5479154	266050	0.7	-0.5	-5	74.21	6.46
1340	98RDD-1487	5480094	266149	1.6	1.3	-3	50.44	10
1341	98RDD-1488	5479460	266560	2.4	1.3	-3	43.61	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1342	98RDD-1489	5478899	266036	0.7	0.5	-3	44.15	10
1343	98RDD-1491	5478772	266727	3.7	1.7	-3	35.97	10
1344	98RDD-1492	5478576	267427	1.7	1.1	-3	39.19	10
1345	98RDD-1493	5478209	267812	0.4	0.6	-3	73.70	10
1346	98RDD-1494	5477719	267569	0.5	0.6	-3	62.13	10
1347	98RDD-1495	5476593	269592	0.7	0.7	-4	66.52	7.91
1351	98RDD-1499	5475352	273900	3.5	1.8	-3	38.30	10
1352	98RDD-1501	5475266	274173	3.8	1.6	-3	40.07	10
1353	98RDD-1502	5475056	274442	0.9	1.0	-3	63.49	10
1354	98RDD-1503	5475059	274762	1.0	0.9	-3	57.11	10
1355	98RDD-1504	5474409	273696	0.6	0.9	-3	60.22	10
1356	98RDD-1505	5474197	275956	0.7	0.7	-3	49.24	10
1358	98RDD-1507	5472952	277224	1.1	0.9	-3	30.29	10
1359	98RDD-1508	5472045	277077	5.7	1.5	-3	25.54	10
1360	98RDD-1509	5472276	276568	1.0	0.9	-3	62.64	10
1361	98RDD-1511	5471748	274958	1.1	0.8	-3	67.20	10
1362	98RDD-1512	5470510	275887	3.6	1.2	-3	42.87	10
1364	98RDD-1514	5471424	277730	7.0	1.6	-3	38.65	10
1366	98RDD-1516	5472549	279248	3.7	1.2	-3	51.01	10
1367	98RDD-1517	5473589	280819	6.3	1.5	-3	34.06	10
1369	98RDD-1519	5476145	285236	4.2	1.3	-3	40.61	10
1370	98RDD-1521	5476906	286308	3.6	1.2	-3	39.59	10
1371	98RDD-1522	5475460	289150	-0.3	0.5	-3	32.91	10
1373	98RDD-1524	5477750	290072	6.1	1.7	-3	47.03	10
1374	98RDD-1525	5478470	289866	2.8	0.9	-3	37.06	10
1375	98RDD-1526	5481132	291944	0.9	1.2	-3	70.21	10
1376	98RDD-1527	5506885	303244	0.8	0.5	-3	54.12	10
1377	98RDD-1528	5509381	299735	1.4	0.6	-3	38.91	10
1378	98RDD-1529	5510548	299657	2.2	0.6	-3	41.51	10
1379	98RDD-1531	5512707	297376	2.2	1.3	-3	57.61	10
1380	98RDD-1532	5513878	297347	1.6	0.6	-4	71.46	8.09
1381	98RDD-1533	5515083	297679	1.2	0.8	-3	41.14	10
1382	98RDD-1534	5517979	294644	1.4	0.8	-3	38.61	10
1383	98RDD-1535	5519353	293748	1.6	1.0	-3	42.36	10
1384	98RDD-1536	5519785	293323	1.5	0.4	-3	37.43	10
1385	98RDD-1537	5520446	292769	1.1	0.5	-3	33.16	10
1386	98RDD-1538	5521021	292252	0.4	0.4	-3	31.15	10
1387	98RDD-1539	5521196	292552	1.0	0.5	-3	72.72	10
1388	98RDD-1541	5521980	292093	0.8	0.5	-3	47.59	10
1389	98RDD-1542	5522212	291191	0.7	0.4	-3	47.74	10
1390	98RDD-1543	5521457	290635	1.1	0.6	-3	41.79	10
1391	98RDD-1544	5522425	290709	1.2	0.7	-3	39.97	10
1392	98RDD-1545	5523498	290615	6.1	1.8	-3	32.05	10
1393	98RDD-1546	5523196	292370	1.1	0.7	-3	39.98	10
1394	98RDD-1547	5524239	291840	0.9	0.6	-3	41.76	10
1395	98RDD-1548	5526522	291813	0.7	0.6	-3	39.01	10
1397	98RDD-1551	5526950	289551	1.2	0.6	3	21.58	10
1398	98RDD-1552	5528208	289983	0.8	0.5	-3	34.40	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
1399	98RDD-1553	5529995	291175	1.2	0.9	-3	32.62	10
1400	98RDD-1554	5530413	290876	1.8	1.5	-3	35.19	10
1401	98RDD-1555	5530607	290218	0.6	0.6	-3	57.63	10
1402	98RDD-1556	5530897	289513	-0.3	0.5	-3	44.34	10
1403	98RDD-1557	5531635	289348	0.4	0.4	-3	59.53	10
1404	98RDD-1558	5532101	289503	0.3	0.5	-3	47.92	10
1405	98RDD-1559	5532205	289912	0.5	0.6	-3	54.26	10
1406	98RDD-1561	5532377	290743	0.8	0.7	-3	50.03	10
1407	98RDD-1562	5533644	290982	1.0	0.6	-3	53.02	10
1408	98RDD-1563	5534286	290726	-0.3	0.4	-3	52.96	10
1409	98RDD-1564	5535508	291041	1.2	0.7	-3	48.24	10
1410	98RDD-1565	5534311	288832	-0.3	0.5	-3	31.62	10
1411	98RDD-1566	5535932	289090	1.2	0.7	-3	31.14	10
1412	98RDD-1567	5537665	290136	1.1	0.7	-3	44.65	10
1414	98RDD-1569	5539011	289569	2.6	0.8	-3	41.67	10
1415	98RDD-1571	5538659	288289	0.9	0.5	-3	48.70	10
1416	98RDD-1572	5538610	288038	1.5	0.4	-3	45.27	10
1417	98RDD-1573	5537977	288110	1.6	0.7	-3	25.80	10
1418	98RDD-1574	5537664	286184	2.0	0.5	-3	50.18	10
1419	98RDD-1575	5537335	285601	3.0	0.5	-5	63.53	6.11
1420	98RDD-1576	5537672	285087	2.1	0.5	-3	17.56	10
1421	98RDD-1577	5537628	284933	2.7	0.5	-3	31.87	10
1422	98RDD-1578	5538104	285009	2.5	0.5	-3	57.50	10
1424	98RDD-1581	5539658	285352	1.8	0.7	-3	44.22	10
1425	98RDD-1582	5539767	285076	2.7	0.7	-3	67.72	8.71
1426	98RDD-1583	5540133	285219	1.0	0.5	-3	43.29	10
1427	98RDD-1584	5540325	284992	2.4	0.8	8	37.59	10
1428	98RDD-1585	5541725	285527	1.8	0.7	-3	38.32	10
1429	98RDD-1586	5542490	285947	1.5	0.5	-3	46.67	10
1430	98RDD-1587	5542478	287224	1.0	0.5	-3	37.95	10
1431	98RDD-1588	5540276	286815	1.0	0.5	-3	42.84	10
1432	98RDD-1589	5539868	287441	1.4	0.6	-3	46.90	10
1433	98RDD-1591	5538935	286637	1.5	0.7	-3	42.56	10
1434	98RDD-1592	5539093	288051	0.8	0.5	-3	39.15	10
1435	98RDD-1593	5539360	288066	0.8	0.5	-3	41.34	10
1436	98RDD-1594	5539790	288174	1.0	0.5	-3	48.67	9.38
1437	98RDD-1595	5539947	288455	0.8	0.6	-3	54.73	10
1438	98RDD-1596	5540058	289327	1.8	-0.8	-8	58.06	3.99
1439	98RDD-1597	5540577	289465	1.6	0.8	-3	44.75	10
1440	98RDD-1598	5540980	289111	1.6	0.8	-3	38.25	10
1441	98RDD-1599	5541392	289804	1.6	0.7	-3	40.49	10
1442	98RDD-1601	5541769	290204	1.3	0.7	-3	41.64	10
1443	98RDD-1602	5541928	290673	1.8	0.8	-3	45.29	10
1444	98RDD-1603	5541923	292140	1.4	0.7	-3	56.14	10
1445	98RDD-1604	5541237	292272	3.5	0.8	-3	39.40	10
1446	98RDD-1605	5541507	291433	1.4	1.0	-3	45.59	10
1447	98RDD-1606	5541083	290633	1.4	0.7	-3	41.28	10
1448	98RDD-1607	5540541	290234	0.6	0.5	-3	39.23	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1449	98RDD-1608	5539947	291108	2.7	1.2	3	40.10	10
1450	98RDD-1609	5540111	292093	1.2	0.9	-3	30.06	10
1451	98RDD-1611	5539622	292328	2.7	0.6	-3	40.12	10
1452	98RDD-1612	5539708	292700	1.3	0.8	-3	68.19	10
1453	98RDD-1613	5539432	292400	2.5	0.6	-3	67.84	10
1455	98RDD-1615	5537781	292732	3.0	1.1	-3	44.98	10
1456	98RDD-1616	5536775	293270	2.3	0.6	-3	41.98	10
1458	98RDD-1618	5539258	294314	1.5	0.8	-3	46.95	10
1459	98RDD-1619	5539284	293792	2.2	0.9	-3	39.77	10
1460	98RDD-1621	5540731	293568	2.2	0.9	-3	36.22	10
1461	98RDD-1622	5541903	293711	6.3	1.3	-3	41.35	10
1463	98RDD-1624	5541742	297398	2.0	0.6	-3	37.05	10
1464	98RDD-1625	5540494	295835	0.7	0.6	-3	41.10	10
1466	98RDD-1627	5539071	297039	1.0	0.8	-3	44.94	10
1467	98RDD-1628	5538091	297860	1.0	0.5	-3	51.48	10
1468	98RDD-1629	5536824	296789	1.2	0.6	-3	30.82	10
1469	98RDD-1631	5537492	295639	1.1	0.9	-3	32.77	10
1470	98RDD-1632	5536982	295881	1.3	0.8	-3	42.71	10
1471	98RDD-1633	5536413	295345	0.8	0.5	-3	32.47	10
1472	98RDD-1634	5535696	295137	1.4	0.7	-3	46.28	10
1473	98RDD-1635	5535544	294297	1.4	0.6	-3	53.98	10
1474	98RDD-1636	5535172	294067	0.6	0.7	-3	40.21	10
1475	98RDD-1637	5534724	293892	1.7	0.8	-3	67.91	10
1477	98RDD-1639	5531475	294714	0.5	0.5	-3	31.34	10
1478	98RDD-1641	5529327	295583	1.0	0.4	-3	51.53	10
1479	98RDD-1642	5525728	295596	0.6	0.6	-3	39.65	10
1480	98RDD-1643	5521842	295777	-0.3	0.3	-3	59.18	10
1481	98RDD-1644	5519661	297147	1.8	0.9	-3	43.59	10
1483	98RDD-1646	5513207	297622	1.8	1.0	-3	29.86	10
1484	98RDD-1647	5512185	299198	1.3	0.8	-3	51.92	10
1485	98RDD-1648	5508965	301326	1.2	0.8	-3	51.68	10
1486	98RDD-1649	5507668	306507	4.8	1.6	8	31.79	10
1487	98RDD-1651	5510741	303847	1.7	0.9	-3	38.23	10
1488	98RDD-1652	5510305	301495	1.5	0.9	-3	40.47	10
1489	98RDD-1653	5511992	299934	1.4	0.9	-3	45.02	10
1490	98RDD-1654	5512848	298909	2.1	1.3	-3	38.65	10
1491	98RDD-1655	5513098	298110	1.2	0.8	-3	10.75	10
1492	98RDD-1656	5513841	297622	1.2	0.9	-3	58.31	10
1493	98RDD-1657	5513875	298547	2.3	1.2	-3	40.97	10
1495	98RDD-1659	5518500	298977	0.7	0.6	-3	43.93	10
1496	98RDD-1661	5518957	298939	1.3	0.9	-3	40.16	10
1497	98RDD-1662	5518916	296984	1.2	0.8	-3	38.92	10
1498	98RDD-1663	5519958	296877	2.1	0.8	-3	35.02	10
1499	98RDD-1664	5520311	297461	0.7	0.5	-3	60.00	10
1500	98RDD-1665	5520838	297802	1.4	0.7	-3	34.51	10
1503	98RDD-1668	5520537	295637	1.5	0.4	-3	46.48	10
1506	98RDD-1672	5521757	293115	1.6	0.6	-3	52.76	10
1508	98RDD-1674	5522614	293768	4.8	1.2	-3	59.95	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1509	98RDD-1675	5523196	294464	3.3	0.8	-3	42.43	10
1510	98RDD-1676	5523526	293891	3.8	0.7	-3	41.62	10
1511	98RDD-1677	5524113	292799	0.6	0.5	-3	49.55	10
1512	98RDD-1678	5526062	293291	1.3	0.6	-3	33.93	10
1513	98RDD-1679	5525887	294007	2.2	0.7	-3	35.91	10
1514	98RDD-1681	5526522	295252	2.1	0.8	-3	36.45	10
1515	98RDD-1682	5526834	297044	1.0	0.6	-3	45.09	10
1516	98RDD-1683	5527631	297681	1.0	0.6	-3	51.62	10
1517	98RDD-1684	5528349	296868	2.3	0.8	-3	41.57	10
1518	98RDD-1685	5527790	295973	1.7	0.8	-3	37.39	10
1519	98RDD-1686	5527748	294849	1.1	0.8	-3	46.43	10
1520	98RDD-1687	5527639	294228	3.5	0.9	-3	46.51	10
1521	98RDD-1688	5527915	292385	1.4	0.6	-3	34.81	10
1522	98RDD-1689	5527177	291941	1.1	0.6	-3	33.86	10
1523	98RDD-1691	5527914	291809	0.5	0.4	-3	33.97	10
1524	98RDD-1692	5528622	291539	2.2	-0.7	-7	53.86	4.44
1525	98RDD-1693	5528805	292267	0.9	0.5	-3	55.65	10
1526	98RDD-1694	5529285	292672	0.6	0.7	-3	43.32	10
1527	98RDD-1695	5529514	294031	2.7	0.7	-3	39.78	10
1528	98RDD-1696	5530808	294467	3.0	0.8	-3	36.89	10
1531	98RDD-1699	5531795	293134	1.0	0.5	-3	49.59	10
1532	98RDD-1701	5532602	293625	-0.3	0.4	-3	36.54	10
1533	98RDD-1702	5533790	294752	1.8	0.9	-3	52.98	10
1534	98RDD-1703	5532977	295186	1.6	0.8	-3	48.09	10
1535	98RDD-1704	5532279	295887	0.4	0.5	-3	57.77	10
1536	98RDD-1705	5531950	296032	0.6	0.7	-3	43.97	10
1537	98RDD-1706	5531151	296124	2.2	0.9	-3	38.81	10
1538	98RDD-1707	5531989	296608	-0.3	0.5	-3	72.70	10
1539	98RDD-1708	5532044	297556	2.2	0.9	-3	36.19	10
1540	98RDD-1709	5532908	297265	0.4	0.4	-3	47.37	10
1541	98RDD-1711	5532754	296462	0.4	0.6	-3	42.20	10
1542	98RDD-1712	5533567	296874	-0.3	0.4	-3	33.89	10
1543	98RDD-1713	5533511	297306	0.7	0.5	-3	62.57	10
1544	98RDD-1714	5534023	297170	-0.3	0.4	-3	39.69	10
1545	98RDD-1715	5534252	296307	1.1	0.8	-3	42.95	10
1546	98RDD-1716	5534660	294991	3.4	0.7	-3	40.82	10
1548	98RDD-1718	5535282	296369	1.6	0.8	-3	46.79	10
1549	98RDD-1719	5535460	299140	2.0	0.8	-3	50.59	10
1550	98RDD-1721	5535753	299623	2.6	0.8	-3	51.66	10
1551	98RDD-1722	5536917	300416	5.2	1.0	-3	44.69	10
1552	98RDD-1723	5538029	300306	8.1	1.6	-3	61.85	10
1553	98RDD-1724	5537993	299406	2.2	0.9	-3	38.11	10
1554	98RDD-1725	5537394	298575	2.7	1.6	-3	38.19	10
1556	98RDD-1727	5539804	299255	1.7	0.8	-3	38.17	10
1558	98RDD-1729	5541804	300509	1.0	0.5	-3	59.77	10
1559	98RDD-1731	5541125	300040	1.1	0.7	-3	44.73	10
1560	98RDD-1732	5540013	300092	2.8	0.7	-3	44.74	10
1561	98RDD-1733	5539352	301032	4.7	0.9	-3	38.27	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—>	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—>	ppb	ppb	ppb	%	g
			Detection Limit—>	0.3	0.3	3.0	0.01	
1562	98RDD-1734	5538416	300680	5.1	1.0	-3	44.19	10
1563	98RDD-1735	5538646	301626	5.7	1.0	-3	69.70	10
1564	98RDD-1736	5538982	302175	4.9	1.2	-3	40.61	10
1565	98RDD-1737	5537898	302026	2.1	0.7	-3	43.12	10
1566	98RDD-1738	5536995	302157	2.6	0.7	-3	44.47	10
1567	98RDD-1739	5533002	302130	2.4	0.8	-3	51.26	10
1568	98RDD-1741	5533990	300880	2.4	1.2	-3	28.06	10
1569	98RDD-1742	5533995	299742	4.7	1.6	-3	29.64	10
1570	98RDD-1743	5533797	299549	2.3	0.8	-3	30.51	10
1571	98RDD-1744	5533077	299615	7.7	1.6	-3	37.73	10
1575	98RDD-1748	5530870	298417	2.6	0.7	-3	45.16	10
1576	98RDD-1749	5529404	296463	0.6	0.5	-3	32.43	10
1577	98RDD-1751	5529146	297872	5.4	0.8	-3	32.33	10
1578	98RDD-1752	5528480	297926	3.9	0.8	-3	37.09	10
1579	98RDD-1753	5527536	298368	1.4	0.9	-3	35.58	10
1580	98RDD-1754	5526434	298218	0.5	0.4	-3	50.08	10
1581	98RDD-1755	5526029	298939	1.0	0.4	-3	48.78	10
1582	98RDD-1756	5526626	299338	1.1	0.4	-3	52.33	10
1583	98RDD-1757	5525619	299549	1.7	0.7	-3	43.93	10
1584	98RDD-1758	5523338	299691	1.2	0.5	-3	53.02	10
1586	98RDD-1761	5521656	299015	2.3	0.9	-3	52.72	10
1587	98RDD-1762	5518648	299496	2.2	0.7	-3	49.67	10
1588	98RDD-1763	5517785	299670	1.0	1.3	-3	47.71	10
1589	98RDD-1764	5513530	299155	1.1	0.8	-3	53.79	10
1590	98RDD-1765	5512956	300623	0.5	0.4	-3	34.12	10
1591	98RDD-1766	5512112	303366	7.5	1.6	-3	45.67	10
1592	98RDD-1767	5509108	307168	4.1	1.5	-3	43.13	10
1593	98RDD-1768	5508266	307754	0.5	0.6	-3	78.26	10
1594	98RDD-1769	5511921	307421	2.0	1.1	-3	38.75	10
1595	98RDD-1771	5511879	302414	8.6	2.2	-3	52.56	10
1596	98RDD-1772	5513990	300103	2.4	1.3	-3	28.40	10
1597	98RDD-1773	5514567	299351	2.6	1.2	-3	42.99	10
1598	98RDD-1774	5514566	300973	1.0	0.6	-3	55.82	10
1599	98RDD-1775	5516083	301671	0.6	0.6	-3	38.51	10
1601	98RDD-1777	5518322	300477	1.8	0.8	-3	36.92	10
1603	98RDD-1779	5518227	302287	1.4	0.9	-3	42.29	10
1605	98RDD-1782	5519372	301729	1.3	0.7	-3	61.06	10
1606	98RDD-1783	5519460	301043	0.5	0.4	-3	58.19	10
1607	98RDD-1784	5519427	300703	1.5	0.8	-3	36.41	10
1608	98RDD-1785	5519248	300435	4.3	1.5	-3	51.48	10
1609	98RDD-1786	5518988	300247	2.1	1.1	-3	51.38	10
1610	98RDD-1787	5518733	300122	1.1	0.8	-3	55.50	10
1611	98RDD-1788	5519667	300050	2.1	0.8	-3	38.81	10
1612	98RDD-1789	5520459	300869	1.7	0.7	-3	43.80	10
1613	98RDD-1791	5520236	302139	3.9	0.7	-3	35.61	10
1614	98RDD-1792	5521280	302163	1.2	0.6	-3	36.29	10
1615	98RDD-1793	5521127	302903	1.1	0.6	-3	33.91	10
1616	98RDD-1794	5521219	303525	3.9	0.9	-3	48.28	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1617	98RDD-1795	5521904	303709	6.3	0.8	-3	44.60	10
1618	98RDD-1796	5521859	302782	2.5	0.9	-3	40.96	10
1619	98RDD-1797	5522586	302589	3.0	0.8	-3	40.56	10
1620	98RDD-1798	5522648	301958	1.5	0.6	-3	66.18	10
1621	98RDD-1799	5522140	301027	3.8	0.9	-3	39.31	10
1622	98RDD-1801	5521654	300091	1.7	0.8	-3	39.52	10
1623	98RDD-1802	5521356	299581	1.2	0.6	-3	37.35	10
1624	98RDD-1803	5521302	299239	0.8	0.6	-3	31.66	10
1625	98RDD-1804	5522593	300540	1.2	0.6	-3	34.55	10
1626	98RDD-1805	5523145	301360	0.4	0.4	-3	61.60	10
1627	98RDD-1806	5523474	301915	5.6	0.6	-3	35.41	10
1628	98RDD-1807	5524056	302039	0.8	0.4	-3	58.24	10
1629	98RDD-1808	5523733	301210	1.8	0.7	-3	43.46	10
1630	98RDD-1809	5524118	300881	1.4	0.5	-3	38.54	10
1631	98RDD-1811	5524598	301231	2.0	0.8	-3	45.35	10
1632	98RDD-1812	5525024	302152	0.8	0.4	-3	53.59	10
1634	98RDD-1814	5526184	301405	1.2	0.7	-3	44.93	10
1636	98RDD-1816	5526505	300542	1.5	0.7	-3	43.15	10
1637	98RDD-1817	5527054	300146	0.9	0.5	-3	37.71	10
1638	98RDD-1818	5527372	299697	1.3	0.5	-3	40.09	10
1639	98RDD-1819	5527661	299504	1.6	0.8	-3	36.89	10
1640	98RDD-1821	5528129	299207	1.1	0.6	-3	37.08	10
1641	98RDD-1822	5527944	300664	2.1	1.1	-3	45.44	10
1642	98RDD-1823	5527596	301947	0.6	0.5	21	48.77	10
1643	98RDD-1824	5528919	300489	1.9	0.8	-3	44.20	10
1644	98RDD-1825	5528784	300075	2.0	0.7	-4	54.47	7.7
1645	98RDD-1826	5529531	299598	1.1	0.8	-3	56.11	10
1646	98RDD-1827	5529864	299461	3.2	1.0	-3	41.41	10
1647	98RDD-1828	5530935	299828	3.9	1.0	-3	39.06	10
1648	98RDD-1829	5531004	301319	2.0	0.7	-3	38.42	10
1649	98RDD-1831	5531840	303515	1.9	0.6	-3	35.90	10
1650	98RDD-1832	5532287	303515	0.6	0.5	-3	68.30	10
1651	98RDD-1833	5533259	303232	0.5	0.4	-3	41.85	10
1653	98RDD-1835	5537393	303582	2.2	0.7	-3	37.77	10
1654	98RDD-1836	5539116	303986	1.0	0.7	-3	40.59	10
1658	98RDD-1841	5541128	305654	1.6	0.6	-3	33.81	10
1659	98RDD-1842	5540656	305420	2.7	0.8	-3	41.91	10
1660	98RDD-1843	5539647	306560	2.2	0.8	-3	37.90	10
1661	98RDD-1844	5540613	306687	9.5	2.3	5	49.02	10
1662	98RDD-1845	5540272	307556	7.0	1.7	4	47.72	10
1663	98RDD-1846	5540743	308516	2.3	0.8	-3	35.43	10
1664	98RDD-1847	5540042	309019	0.9	0.7	-3	32.99	10
1665	98RDD-1848	5538914	307805	5.9	1.3	-8	69.18	3.61
1666	98RDD-1849	5537472	308106	2.0	0.7	-3	41.12	10
1668	98RDD-1852	5535888	307723	0.6	0.5	-3	45.59	10
1669	98RDD-1853	5535711	307270	2.8	0.7	-3	44.44	10
1670	98RDD-1854	5535068	305597	3.2	0.9	-3	36.94	10
1674	98RDD-1858	5534431	307318	1.4	0.8	-3	42.83	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
1675	98RDD-1859	5533864	307082	2.2	1.1	-3	41.99	10
1676	98RDD-1861	5533869	306771	0.6	0.4	-3	28.65	10
1677	98RDD-1862	5532213	306860	1.7	0.7	-3	38.97	10
1678	98RDD-1863	5532545	307422	2.2	1.0	-3	43.90	10
1679	98RDD-1864	5531720	307181	1.4	1.0	-3	43.62	10
1680	98RDD-1865	5531503	305243	2.0	0.6	-3	37.25	10
1681	98RDD-1866	5531519	304531	1.1	0.3	-3	29.87	10
1682	98RDD-1867	5531123	304222	0.9	0.6	-3	43.08	10
1683	98RDD-1868	5530162	303785	1.2	-0.9	-9	67.49	3.47
1684	98RDD-1869	5529920	302989	1.3	0.6	-3	32.53	10
1685	98RDD-1871	5528945	302890	1.6	0.9	-3	46.80	10
1686	98RDD-1872	5528827	302549	1.9	0.9	-3	38.48	10
1687	98RDD-1873	5527915	303380	2.0	-0.5	-5	60.20	6.07
1688	98RDD-1874	5527302	303283	1.0	-0.3	-3	70.44	10
1689	98RDD-1875	5526754	303633	-0.9	-0.9	-9	63.10	3.17
1690	98RDD-1876	5526654	303278	1.7	-0.3	-3	47.63	10
1691	98RDD-1877	5526777	302577	1.5	0.7	-3	47.86	10
1692	98RDD-1878	5525667	303055	4.7	1.0	-3	51.40	10
1693	98RDD-1879	5525118	302900	2.2	0.5	-3	40.01	10
1694	98RDD-1881	5524725	303144	1.3	0.5	-3	49.75	10
1695	98RDD-1882	5524341	302793	0.9	0.4	-3	35.49	10
1696	98RDD-1883	5523471	303345	1.7	0.6	-3	60.23	10
1697	98RDD-1884	5523256	303419	1.2	0.6	-3	55.13	10
1698	98RDD-1885	5522917	303779	2.2	0.9	-3	42.95	10
1699	98RDD-1886	5521388	305171	1.7	0.8	-3	52.05	10
1700	98RDD-1887	5520260	305611	1.0	0.6	-3	42.18	10
1701	98RDD-1888	5517308	304595	1.1	0.7	-3	62.40	10
1702	98RDD-1889	5515899	303942	1.2	0.7	-3	44.97	10
1703	98RDD-1891	5515624	303556	1.0	0.8	-3	52.07	10
1704	98RDD-1892	5514856	303382	1.3	0.8	-3	52.49	10
1705	98RDD-1893	5514897	302414	0.7	0.8	-3	48.92	10
1706	98RDD-1894	5512810	304798	1.5	0.8	-3	34.44	10
1707	98RDD-1895	5509856	307301	4.8	1.5	-3	33.42	10
1708	98RDD-1896	5508926	307816	2.2	-0.6	-6	72.30	5.05
1709	98RDD-1897	5509313	307869	5.5	1.2	-3	53.73	10
1711	98RDD-1899	5514570	306111	1.4	0.8	-3	41.47	10
1712	98RDD-1901	5517227	306894	1.0	0.7	-3	47.38	10
1713	98RDD-1902	5518321	307534	0.7	0.6	-3	37.45	10
1715	98RDD-1904	5523185	305907	2.2	1.0	-3	38.30	10
1716	98RDD-1905	5523456	304260	2.8	1.0	-3	54.87	10
1717	98RDD-1906	5523857	303849	1.5	0.7	-3	40.07	10
1718	98RDD-1907	5525331	303705	0.6	0.5	-3	22.64	10
1719	98RDD-1908	5525671	301916	0.8	0.5	-3	54.84	10
1720	98RDD-1909	5525661	301425	0.6	0.4	-3	75.58	9.97
1721	98RDD-1911	5525579	300361	2.1	0.9	-3	47.33	10
1722	98RDD-1912	5526693	300691	1.2	0.6	-3	25.50	10
1723	98RDD-1913	5526044	304864	3.1	1.2	-3	32.18	10
1724	98RDD-1914	5524282	305488	2.2	1.0	-3	39.14	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1725	98RDD-1915	5522846	306518	2.7	1.2	-3	45.61	10
1726	98RDD-1916	5521746	307231	1.8	1.0	-3	40.91	10
1727	98RDD-1917	5520342	307690	2.7	0.6	-3	51.36	10
1728	98RDD-1918	5519909	307836	1.4	0.8	-3	45.36	10
1729	98RDD-1919	5519322	308585	1.5	0.7	-3	43.14	10
1730	98RDD-1921	5518618	308220	1.7	0.7	-3	41.95	10
1731	98RDD-1922	5517391	307819	4.7	1.2	-3	61.27	10
1732	98RDD-1923	5516211	307307	4.1	1.3	-3	49.48	10
1733	98RDD-1924	5514990	306777	1.4	0.9	-3	40.65	10
1734	98RDD-1925	5513806	306490	1.6	0.8	-3	40.51	10
1735	98RDD-1926	5510922	307336	2.0	0.9	-3	38.80	10
1736	98RDD-1927	5508469	307754	6.3	1.1	-3	52.42	10
1737	98RDD-1928	5512546	308354	1.4	0.8	-3	43.75	10
1738	98RDD-1929	5513383	307485	0.7	0.6	-3	50.70	10
1739	98RDD-1931	5515286	308743	3.9	1.4	-3	48.85	10
1740	98RDD-1932	5517624	309970	3.6	1.3	-3	47.42	10
1741	98RDD-1933	5521109	309547	2.0	0.9	-3	55.10	10
1742	98RDD-1934	5522386	309074	4.3	0.8	-3	65.73	10
1743	98RDD-1935	5522764	308662	1.3	0.8	-3	38.13	10
1744	98RDD-1936	5523498	309397	2.1	1.1	-3	33.93	10
1745	98RDD-1937	5524341	310145	2.2	1.0	-3	44.36	10
1746	98RDD-1938	5525790	309945	2.9	1.4	-3	45.32	10
1747	98RDD-1939	5525955	308611	1.3	0.7	-3	44.97	10
1748	98RDD-1941	5525747	308280	2.0	1.1	-3	38.36	10
1749	98RDD-1942	5526356	307789	2.7	1.3	-3	40.85	10
1751	98RDD-1944	5527425	308545	8.1	2.0	-10	39.06	3
1752	98RDD-1945	5526907	307858	1.2	0.8	-3	42.61	10
1754	98RDD-1947	5526065	306822	1.5	0.5	-3	60.29	10
1755	98RDD-1948	5525658	307030	1.5	2.1	-5	74.96	5.59
1756	98RDD-1949	5524873	306870	1.4	0.9	-3	41.78	10
1757	98RDD-1951	5525065	306226	1.6	0.6	-3	35.20	10
1758	98RDD-1952	5524775	305958	2.2	1.0	-3	38.49	10
1759	98RDD-1953	5526054	306069	1.6	0.7	-3	58.49	10
1760	98RDD-1954	5527782	304827	1.8	1.0	-3	30.39	10
1761	98RDD-1955	5529085	304965	0.6	0.4	-3	39.45	10
1762	98RDD-1956	5530438	304894	1.4	0.7	-3	32.64	10
1764	98RDD-1958	5529705	306634	1.5	0.6	-3	31.36	10
1765	98RDD-1959	5529193	308156	0.5	-0.3	-3	50.89	10
1766	98RDD-1961	5528238	308463	2.8	0.9	-3	39.81	10
1767	98RDD-1962	5527990	309001	0.4	0.4	-3	64.23	10
1768	98RDD-1963	5528071	309214	2.2	0.6	-3	41.37	10
1769	98RDD-1964	5528733	309882	1.9	0.7	-3	59.55	10
1770	98RDD-1965	5528951	310619	3.2	1.0	-3	39.74	10
1771	98RDD-1966	5530753	311551	0.7	0.6	-3	48.79	10
1773	98RDD-1968	5530088	309095	1.1	0.7	-3	52.82	10
1774	98RDD-1969	5529421	308652	1.0	0.6	-3	38.77	10
1775	98RDD-1971	5529621	308190	1.4	0.6	-3	36.98	10
1776	98RDD-1972	5530734	307614	0.6	0.6	-3	37.74	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1777	98RDD-1973	5531709	309248	0.6	0.4	-3	58.62	10
1778	98RDD-1974	5533180	308615	1.0	0.7	-3	33.99	10
1779	98RDD-1975	5533321	309684	1.2	0.9	-3	34.46	10
1781	98RDD-1977	5533690	310071	1.5	0.8	-3	36.99	10
1782	98RDD-1978	5533164	310609	0.9	0.6	-3	34.29	10
1783	98RDD-1979	5533699	311341	1.1	0.6	-3	30.27	10
1784	98RDD-1981	5534205	310561	1.4	0.8	-3	37.22	10
1786	98RDD-1983	5535601	311851	1.5	1.0	-3	45.46	10
1787	98RDD-1984	5535138	312136	1.0	0.5	-3	39.42	10
1789	98RDD-1986	5535189	312699	1.7	0.7	-3	40.14	10
1791	98RDD-1988	5537541	310912	0.8	0.8	-3	29.98	10
1792	98RDD-1989	5538408	311557	0.8	0.6	-3	47.45	10
1794	98RDD-1992	5539312	310048	-0.3	0.5	-3	34.25	10
1795	98RDD-1993	5541010	311043	1.3	0.7	-3	47.09	10
1796	98RDD-1994	5541514	312568	1.9	0.7	-3	40.00	10
1798	98RDD-1996	5541009	313734	1.4	0.8	-3	50.62	10
1799	98RDD-1997	5541364	314347	1.7	0.6	-3	13.21	10
1800	98RDD-1998	5541230	315605	3.2	0.9	-3	34.03	10
1801	98RDD-1999	5540233	314972	0.9	0.7	-3	41.05	10
1802	98RDD-2001	5539501	314477	0.9	0.6	-3	58.80	10
1803	98RDD-2002	5539033	315408	0.6	0.7	-3	74.30	10
1804	98RDD-2003	5538625	314416	0.9	0.6	-3	35.95	10
1805	98RDD-2004	5536327	313424	3.3	0.9	6	43.21	10
1807	98RDD-2006	5535209	315551	1.4	1.1	-3	27.06	10
1808	98RDD-2007	5534664	315277	4.7	1.6	-3	58.02	10
1809	98RDD-2008	5534391	315251	0.7	0.6	-3	77.77	10
1810	98RDD-2009	5533977	314777	1.5	0.6	-3	31.21	10
1811	98RDD-2011	5532971	315531	3.8	1.2	-3	39.11	10
1813	98RDD-2013	5531981	313953	1.9	0.7	-3	42.81	10
1814	98RDD-2014	5531433	314157	1.0	0.8	-3	48.23	10
1815	98RDD-2015	5531410	314729	12.0	1.9	-3	54.30	
1817	98RDD-2017	5529531	314344	2.5	0.6	-3	36.61	10
1819	98RDD-2019	5529536	312124	3.2	0.9	-3	35.52	10
1820	98RDD-2021	5529105	312416	6.3	1.4	-3	36.18	10
1821	98RDD-2022	5528918	312059	1.3	0.6	3	59.80	10
1822	98RDD-2023	5528347	311914	3.1	1.5	-3	40.93	10
1823	98RDD-2024	5527607	310523	2.8	1.2	-3	39.85	10
1824	98RDD-2025	5527491	309958	3.1	1.3	-3	38.92	10
1825	98RDD-2026	5526604	310169	3.3	1.7	-3	50.81	10
1826	98RDD-2027	5526855	310496	5.1	1.9	-3	49.35	10
1827	98RDD-2028	5526753	311620	5.4	1.9	-3	41.18	10
1828	98RDD-2029	5526543	311829	7.8	2.2	-3	68.43	10
1829	98RDD-2031	5525869	311927	2.7	1.0	-3	60.03	10
1830	98RDD-2032	5525446	311789	3.9	1.0	-3	53.91	10
1831	98RDD-2033	5524536	311377	3.3	1.5	-3	44.43	10
1832	98RDD-2034	5523754	311052	2.4	1.3	-3	42.53	10
1833	98RDD-2035	5521432	312311	1.1	0.6	-3	41.95	10
1834	98RDD-2036	5519327	313000	2.0	0.7	-3	44.15	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
1835	98RDD-2037	5516657	309775	3.3	1.0	-3	42.52	10
1836	98RDD-2038	5514066	309359	1.5	0.7	-3	37.99	10
1837	98RDD-2039	5512337	308791	1.1	0.7	-3	49.17	10
1839	98RDD-2042	5508665	309000	6.0	1.0	-3	62.47	10
1840	98RDD-2043	5512749	308973	0.6	0.5	-3	36.96	10
1841	98RDD-2044	5512748	310857	1.4	0.7	-3	63.31	10
1843	98RDD-2046	5514722	316781	23.9	2.0	3	36.76	10
1844	98RDD-2047	5517981	317632	5.7	1.2	-3	53.31	10
1846	98RDD-2049	5519829	316691	1.2	-0.6	-6	67.52	5.01
1847	98RDD-2051	5520535	316418	1.0	0.6	-3	49.63	10
1848	98RDD-2052	5522879	316723	2.6	1.3	-3	53.59	10
1849	98RDD-2053	5523119	316750	2.0	1.0	-3	37.76	10
1850	98RDD-2054	5524997	317138	1.0	0.6	-3	43.96	10
1851	98RDD-2055	5527034	317677	1.7	1.0	-3	56.77	10
1852	98RDD-2056	5527149	318008	1.6	0.8	-3	36.56	10
1853	98RDD-2057	5529327	317817	3.3	1.3	-3	46.42	10
1854	98RDD-2058	5532085	317900	3.5	1.5	4	53.45	10
1855	98RDD-2059	5533731	317602	17.6	5.5	4	54.20	10
1856	98RDD-2061	5534265	317585	7.2	2.1	-3	50.25	10
1857	98RDD-2062	5534531	317284	7.8	3.2	-4	59.45	8.11
1858	98RDD-2063	5533714	316470	5.8	1.7	-6	64.16	5.11
1859	98RDD-2064	5534387	316046	6.8	2.7	-3	62.63	10
1860	98RDD-2065	5535621	316371	7.3	1.0	-3	55.56	10
1861	98RDD-2066	5536361	315982	5.7	0.8	3	37.18	10
1862	98RDD-2067	5536851	316160	2.5	0.8	-3	31.18	10
1863	98RDD-2068	5537453	316538	3.2	0.5	-3	42.66	10
1864	98RDD-2069	5537835	318194	3.5	0.6	-3	46.41	10
1865	98RDD-2071	5536790	318120	2.1	0.7	-3	32.41	10
1866	98RDD-2072	5535887	317637	1.7	-0.3	-3	48.22	10
1867	98RDD-2073	5536534	319575	9.2	2.7	7	29.51	10
1869	98RDD-2075	5537581	320007	10.1	8.1	6	64.56	10
1870	98RDD-2076	5537782	320223	6.1	1.5	6	41.58	10
1871	98RDD-2077	5538187	319846	3.2	1.1	3	45.55	10
1873	98RDD-2079	5539597	318325	1.2	0.4	-3	47.12	10
1874	98RDD-2081	5539490	317714	0.7	0.4	-3	28.30	10
1875	98RDD-2082	5540239	316633	1.8	0.9	-3	42.66	10
1876	98RDD-2083	5540822	317571	2.5	1.0	-3	38.85	10
1877	98RDD-2084	5540487	318378	1.5	0.6	-3	43.39	10
1878	98RDD-2085	5540859	320639	2.4	0.9	-3	34.40	10
1879	98RDD-2086	5540119	319968	2.2	0.6	3	41.79	10
1880	98RDD-2087	5539511	320283	2.6	0.7	-3	37.40	10
1881	98RDD-2088	5539267	320961	6.5	1.1	3	41.93	10
1882	98RDD-2089	5540254	323842	1.5	1.7	-3	46.28	10
1883	98RDD-2091	5540331	324685	1.7	1.6	-3	53.21	10
1884	98RDD-2092	5540612	326229	-0.3	0.6	-3	46.20	10
1885	98RDD-2093	5540230	326546	0.7	0.8	-3	60.05	10
1886	98RDD-2094	5540854	327276	0.6	0.6	-3	50.87	10
1887	98RDD-2095	5541003	328749	1.0	0.8	-3	50.79	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—>	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—>	ppb	ppb	ppb	%	g
			Detection Limit—>	0.3	0.3	3.0	0.01	
1888	98RDD-2096	5539627	326834	3.6	1.9	-3	44.92	10
1889	98RDD-2097	5539765	326366	3.2	1.3	-3	54.32	10
1890	98RDD-2098	5537111	326590	6.8	2.5	-3	34.88	10
1891	98RDD-2099	5536338	323523	3.0	1.2	-3	64.67	10
1892	98RDD-2101	5536810	323044	1.1	0.7	-3	57.73	10
1893	98RDD-2102	5537581	322196	2.2	0.9	-3	27.91	10
1894	98RDD-2103	5537362	321060	6.7	1.6	4	38.12	10
1895	98RDD-2104	5533822	323657	5.3	1.6	-3	33.22	10
1897	98RDD-2106	5531989	323898	6.4	1.6	-7	42.89	4.49
1899	98RDD-2108	5532306	322047	9.9	2.6	8	40.78	10
1900	98RDD-2109	5532216	320579	6.6	3.3	-3	59.95	10
1901	98RDD-2111	5531787	321236	4.7	1.7	-3	40.20	10
1902	98RDD-2112	5530761	321384	4.7	1.6	-3	36.98	10
1903	98RDD-2113	5530646	321994	5.0	1.9	-3	36.99	10
1905	98RDD-2115	5529521	323288	2.4	1.3	-3	49.88	10
1906	98RDD-2116	5529833	325914	45.2	13.4	5	43.88	10
1908	98RDD-2118	5528874	327576	11.5	4.6	4	50.54	10
1909	98RDD-2119	5530276	328298	7.2	4.0	3	51.08	10
1910	98RDD-2121	5533120	329403	7.5	3.6	-3	54.04	10
1911	98RDD-2122	5531442	328951	5.4	2.8	-3	44.92	10
1912	98RDD-2123	5529065	329970	7.7	2.6	-3	38.73	10
1913	98RDD-2124	5528451	329794	5.0	2.0	-3	45.50	10
1914	98RDD-2125	5529028	329017	6.0	2.6	-3	38.10	10
1915	98RDD-2126	5528142	328110	13.1	5.7	7	42.35	10
1916	98RDD-2127	5528249	325963	25.6	8.9	4	47.76	10
1917	98RDD-2128	5528483	323883	5.4	2.7	-3	32.97	10
1918	98RDD-2129	5527520	322687	5.8	2.8	-3	49.70	10
1919	98RDD-2131	5525214	323138	6.5	4.0	-3	43.71	10
1920	98RDD-2132	5523861	322678	4.0	1.8	-3	45.30	10
1921	98RDD-2133	5522400	322426	14.4	2.9	4	40.19	10
1922	98RDD-2134	5522578	321864	20.6	5.0	13	32.31	10
1923	98RDD-2135	5522406	321057	19.7	5.6	8	40.77	10
1924	98RDD-2136	5522222	320931	9.9	2.3	4	37.83	10
1925	98RDD-2137	5522841	320538	3.4	1.3	-3	40.96	10
1926	98RDD-2138	5521033	322025	11.5	3.1	-3	52.86	10
1927	98RDD-2139	5520518	321715	10.6	2.4	-3	66.76	10
1928	98RDD-2141	5519763	321811	11.0	3.7	6	36.39	10
1929	98RDD-2142	5518319	320506	8.6	3.2	-3	35.55	10
1930	98RDD-2143	5518111	319958	3.5	1.2	-3	24.88	10
1932	98RDD-2145	5507326	315985	1.4	0.7	-3	38.84	10
1933	98RDD-2146	5502724	312201	3.9	1.1	-3	43.78	10
1934	98RDD-2147	5507832	309903	2.2	0.6	-3	63.70	10
1935	98RDD-2148	5509085	311069	1.3	0.8	-3	45.90	10
1937	98RDD-2151	5513137	318307	4.4	1.5	-3	35.91	10
1938	98RDD-2152	5519176	318152	0.5	0.5	-3	35.58	10
1939	98RDD-2153	5520961	317506	2.0	1.1	-3	42.09	10
1940	98RDD-2154	5521689	317739	2.7	1.2	-3	40.72	10
1941	98RDD-2155	5520371	315256	2.5	0.8	-3	50.85	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units→	ppb	ppb	ppb	%	g
			Detection Limit→	0.3	0.3	3.0	0.01	
1942	98RDD-2156	5521623	314002	1.8	1.0	-3	41.36	10
1943	98RDD-2157	5523697	315459	1.6	0.5	-3	50.18	10
1944	98RDD-2158	5523009	317539	1.8	0.9	-3	44.27	10
1945	98RDD-2159	5522926	319485	2.2	1.1	-3	41.42	10
1946	98RDD-2161	5524499	318444	1.1	1.0	-3	48.30	10
1947	98RDD-2162	5526822	319044	1.8	0.7	-3	57.43	10
1948	98RDD-2163	5528285	317019	4.0	2.3	-3	47.57	10
1949	98RDD-2164	5527803	316475	4.0	1.7	-3	48.05	10
1950	98RDD-2165	5528087	315911	12.3	5.4	-3	17.74	10
1951	98RDD-2166	5527541	315141	3.7	1.4	-3	44.52	10
1952	98RDD-2167	5527990	314656	6.1	1.7	-3	48.54	10
1953	98RDD-2168	5527474	313959	4.0	1.4	-3	51.66	10
1954	98RDD-2169	5526721	314352	2.4	0.8	-3	53.49	10
1955	98RDD-2171	5526167	313703	2.0	1.6	-3	28.45	10
1956	98RDD-2172	5525195	313706	7.1	1.0	-3	65.38	10
1957	98RDD-2173	5524325	313310	10.5	1.3	-3	72.62	10
1958	98RDD-2174	5525561	312675	3.4	2.1	-3	36.12	10
1959	98RDD-2175	5526773	312305	6.9	2.0	-3	53.25	10
1960	98RDD-2176	5527166	312982	4.6	1.5	3	50.65	10
1962	98RDD-2178	5528411	313417	3.3	1.0	-3	54.40	10
1963	98RDD-2179	5528554	315162	2.9	1.1	-3	60.52	10
1964	98RDD-2181	5528937	315270	2.0	0.9	-3	42.02	10
1965	98RDD-2182	5529319	315158	3.4	1.2	-3	36.43	10
1966	98RDD-2183	5529668	315822	4.0	1.5	-3	32.09	10
1967	98RDD-2184	5529912	315116	3.3	1.0	-3	38.30	10
1968	98RDD-2185	5530446	315498	10.6	1.9	-3	63.22	10
1969	98RDD-2186	5530187	316604	3.2	1.3	-3	51.48	10
1970	98RDD-2187	5530228	317048	1.5	0.6	-3	65.12	10
1971	98RDD-2188	5530785	316596	4.1	1.6	-3	49.71	10
1972	98RDD-2189	5531410	316498	2.2	0.9	-3	64.65	10
1973	98RDD-2191	5531271	316994	2.9	1.0	-3	66.95	10
1975	98RDD-2193	5531344	318835	4.8	1.9	-3	32.82	10
1977	98RDD-2195	5532898	319351	5.0	2.1	-3	41.09	10
1978	98RDD-2196	5533771	319530	3.3	1.4	-3	48.32	10
1979	98RDD-2197	5532314	319846	5.2	1.2	-4	70.15	8.3
1980	98RDD-2198	5531585	320377	1.3	1.3	-3	49.50	10
1981	98RDD-2199	5530307	319432	0.6	1.7	-3	42.81	10
1982	98RDD-2201	5529822	319682	1.6	1.6	-3	45.54	10
1983	98RDD-2202	5528222	319384	1.9	1.1	-3	46.74	10
1984	98RDD-2203	5526589	324292	7.4	4.7	-3	64.10	10
1985	98RDD-2204	5525627	325349	12.1	3.3	-3	50.02	10
1986	98RDD-2205	5525091	326013	12.1	2.5	-3	54.31	10
1991	98RDD-2211	5524138	328686	8.9	3.0	-3	74.72	10
1994	98RDD-2214	5522289	325502	7.1	2.4	-3	44.02	10
1995	98RDD-2215	5521657	325572	8.1	2.7	-3	42.43	10
1996	98RDD-2216	5521089	325321	7.2	2.1	-3	45.94	10
1997	98RDD-2217	5521623	327613	13.0	2.6	-5	81.26	6.57
1999	98RDD-2219	5519397	329874	2.3	1.1	-3	51.54	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
2002	98RDD-2222	5517581	326655	29.2	4.1	7	35.63	10
2003	98RDD-2223	5514168	327628	7.9	2.1	-3	44.10	10
2004	98RDD-2224	5517046	326145	32.3	6.5	9	36.62	10
2005	98RDD-2225	5516936	325480	25.2	3.2	4	57.19	10
2008	98RDD-2228	5517527	324166	3.5	1.2	-3	79.31	10
2009	98RDD-2229	5518363	324396	28.4	4.3	4	31.66	10
2010	98RDD-2231	5519235	324243	16.5	3.0	-3	36.47	10
2011	98RDD-2232	5521088	324016	6.5	1.6	-3	34.96	10
2012	98RDD-2233	5519262	322924	13.3	3.6	-3	68.24	10
2013	98RDD-2234	5518105	322607	19.8	3.2	-3	66.86	10
2016	98RDD-2237	5515042	323657	11.9	3.7	4	45.48	10
2017	98RDD-2238	5514326	324337	7.2	1.6	4	53.01	10
2018	98RDD-2239	5511288	323733	3.0	1.3	-3	45.92	10
2019	98RDD-2241	5511914	319670	4.3	1.1	-3	70.69	10
2020	98RDD-2242	5511365	319461	9.5	1.4	-3	50.44	10
2021	98RDD-2243	5510955	318994	5.5	1.2	-3	47.67	10
2022	98RDD-2244	5509969	319327	16.0	1.6	6	42.78	10
2023	98RDD-2245	5505576	316152	2.7	1.0	-3	30.81	10
2024	98RDD-2246	5504282	309452	1.7	1.2	-3	21.62	10
2027	98RDD-2249	5482198	301058	0.5	0.6	-3	40.33	10
2028	98RDD-2251	5479026	300148	1.3	0.9	-3	36.27	10
2029	98RDD-2252	5483076	307229	1.6	0.9	-3	57.44	10
2030	98RDD-2253	5480180	308547	6.5	1.3	-3	61.02	10
2031	98RDD-2254	5480609	308918	5.2	1.7	-3	52.13	10
2032	98RDD-2255	5480910	309891	2.8	1.6	-3	38.15	10
2033	98RDD-2256	5481699	311081	5.7	2.0	-3	62.96	9.77
2034	98RDD-2257	5482353	311306	11.1	2.3	-3	56.00	10
2035	98RDD-2258	5482192	311838	29.5	3.5	-3	39.40	10
2036	98RDD-2259	5483197	312586	23.3	2.8	-3	65.33	10
2037	98RDD-2261	5484056	311741	12.3	2.4	-3	49.06	10
2038	98RDD-2262	5484153	312285	6.4	1.6	-3	58.73	10
2039	98RDD-2263	5484369	312829	4.6	2.5	-3	49.34	10
2040	98RDD-2264	5484706	313335	2.4	1.5	-3	12.31	10
2041	98RDD-2265	5485075	313351	5.0	1.8	-3	60.12	10
2042	98RDD-2266	5484145	313967	12.2	2.0	-3	60.13	10
2043	98RDD-2267	5485267	316398	6.8	3.3	-3	41.10	10
2044	98RDD-2268	5485525	316991	73.3	5.0	4	46.28	10
2046	98RDD-2271	5479907	327851	2.2	0.6	-3	59.64	10
2047	98RDD-2272	5479260	332593	14.9	1.0	8	66.84	10
2048	98RDD-2273	5479367	333099	20.2	0.6	11	48.25	9.34
2049	98RDD-2274	5480129	333092	11.5	0.8	6	58.23	10
2050	98RDD-2275	5481118	333089	29.2	2.9	11	52.47	10
2051	98RDD-2276	5481595	332236	25.3	1.7	12	50.80	10
2052	98RDD-2277	5481995	333167	14.6	1.2	9	59.67	10
2053	98RDD-2278	5482521	333304	15.3	1.3	7	46.22	10
2054	98RDD-2279	5482875	333230	16.6	2.0	8	44.34	10
2055	98RDD-2281	5483968	333711	31.1	2.2	8	49.59	10
2056	98RDD-2282	5484233	333161	13.7	2.8	4	22.83	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—→	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—→	ppb	ppb	ppb	%	g
			Detection Limit—→	0.3	0.3	3.0	0.01	
2057	98RDD-2283	5485029	333006	16.5	2.6	4	55.86	10
2059	98RDD-2285	5483199	331645	19.3	2.6	7	21.24	10
2060	98RDD-2286	5482630	331396	29.6	2.6	11	28.59	10
2061	98RDD-2287	5483132	331021	25.5	1.8	10	46.72	10
2062	98RDD-2288	5482616	330368	33.9	2.0	14	59.11	10
2063	98RDD-2289	5483938	330252	18.8	1.9	9	50.35	10
2064	98RDD-2291	5484256	330259	16.3	1.4	9	49.21	10
2065	98RDD-2292	5484027	328134	6.1	1.0	3	35.69	10
2066	98RDD-2293	5484186	327722	5.9	0.9	-3	54.25	10
2068	98RDD-2295	5498308	328667	6.3	2.0	-3	37.12	10
2069	98RDD-2296	5501949	327991	5.3	0.9	-3	42.10	10
2070	98RDD-2297	5502135	328383	9.7	1.4	3	49.58	10
2072	98RDD-2299	5507138	328941	9.7	3.0	3	36.98	10
2073	98RDD-2301	5505720	327441	7.5	1.4	-3	33.24	10
2074	98RDD-2302	5504253	328307	6.8	1.6	-3	62.18	10
2076	98RDD-2304	5502656	326144	6.7	1.7	-3	53.39	10
2077	98RDD-2305	5501090	320468	1.9	1.1	-3	12.89	10
2078	98RDD-2306	5502050	320268	-0.3	1.2	-3	12.13	10
2079	98RDD-2307	5506160	321905	16.6	2.5	-3	38.01	10
2080	98RDD-2308	5506415	322334	12.4	1.9	4	34.16	10
2081	98RDD-2309	5506783	321462	21.0	2.9	-3	35.99	10
2083	98RDD-2312	5508034	321027	13.2	2.7	4	39.04	10
2085	98RDD-2314	5508864	325720	14.0	3.1	-3	32.82	10
2086	98RDD-2315	5509119	325968	13.6	2.1	-3	35.83	10
2087	98RDD-2316	5510477	326883	19.4	2.3	-3	39.43	10
2088	98RDD-2317	5508399	322767	8.9	1.4	-3	51.77	10
2089	98RDD-2318	5508816	320765	26.6	3.2	5	42.60	10
2090	98RDD-2319	5508535	320167	8.4	1.8	-3	49.10	10
2091	98RDD-2321	5509416	319877	24.5	3.0	11	41.79	10
2092	98RDD-2322	5508283	319539	9.5	2.0	-3	46.68	10
2093	98RDD-2323	5508913	318952	10.6	1.5	-3	34.41	10
2094	98RDD-2324	5506568	317666	2.6	0.7	-3	54.76	10
2095	98RDD-2325	5500814	313850	1.9	1.0	-3	15.70	10
2097	98RDD-2327	5501584	311493	5.9	1.3	-3	49.43	10
2099	98RDD-2329	5500616	307380	1.8	0.6	-3	51.24	10
2100	98RDD-2333	5501536	305490	1.4	0.8	-3	34.28	10
2101	98RDD-2334	5503869	306211	2.0	1.0	-3	29.32	10
2102	98RDD-2335	5506056	306745	2.4	0.9	-3	34.38	10
2106	98RDD-2339	5503925	303599	3.2	1.3	-3	30.12	10
2107	98RDD-2341	5504970	303573	3.4	1.5	-3	24.73	10
2111	98RDD-2345	5537195	332885	5.2	1.7	-3	21.58	10
2113	98RDD-2347	5532868	325891	9.6	3.5	4	25.60	10
2114	98RDD-2348	5531282	325913	15.7	6.1	-3	14.17	10
2115	98RDD-2349	5536797	328301	6.1	2.3	4	14.32	10
2116	98RDD-2351	5535618	324556	6.2	1.7	-3	35.93	9.53
2117	98RDD-2352	5536711	324999	3.9	1.4	-3	35.20	10
2118	98RDD-2353	5525708	289243	0.5	0.4	-3	10.11	10
2121	98RDD-2356	5525165	289476	1.2	0.6	-3	37.34	10

Site	Lake	NORTHING	EASTING	Pd	Pt	Au	L.O.I.	Sample Wt.
	Sediment	NAD 27	Method—>	Fire Assay/ICP-MS			Grav.	
	Sample #	UTM Zone 16	Units—>	ppb	ppb	ppb	%	g
			Detection Limit—>	0.3	0.3	3.0	0.01	
2122	98RDD-2357	5524963	290454	1.3	0.5	-3	34.84	10
2123	98RDD-2358	5524195	289904	0.5	0.4	-3	30.78	10
2124	98RDD-2359	5525100	292021	3.3	0.7	-3	39.44	10
2126	98RDD-2362	5525181	293656	1.6	0.6	-3	38.84	10
2127	98RDD-2363	5524621	295531	7.7	1.0	-3	32.75	10
2128	98RDD-2364	5524982	296023	5.7	1.5	-3	59.28	10
2129	98RDD-2365	5483293	261154	3.9	1.1	-3	39.77	10
2130	98RDD-2366	5481835	261100	10.1	2.1	-3	44.66	10
2132	98RDD-2368	5480385	261054	3.3	1.1	-3	28.93	10
2134	98RDD-2371	5479568	260335	3.2	1.1	-3	28.19	10
2137	98RDD-2374	5475103	261054	4.5	2.0	-3	40.01	10
2138	98RDD-2375	5475153	262943	3.3	1.0	-3	46.56	10
2139	98RDD-2376	5474252	263534	12.1	2.5	-3	59.04	10
2141	98RDD-2378	5470851	259508	4.3	1.5	-3	19.19	10
Calculations								
			Mean	2.7	0.9	<3		
			Median	1.5	0.8	<3		
			Minimum	<0.3	<0.3	<3		
			Maximum	73.3	13.4	48		

Metric Conversion Table

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 023	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.307 951	cubic yards	1 cubic yard	0.764 554 86	m ³
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
MASS					
1 g	0.035 273 962	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 747	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 622 6	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311 3	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 90	t
CONCENTRATION					
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

	Multiplied by	
1 ounce (troy) per ton (short)	31.103 477	grams per ton (short)
1 gram per ton (short)	0.032 151	ounces (troy) per ton (short)
1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in co-operation with the Coal Association of Canada.